

# Health & Safety Documentation

## Risk Assessment Sheet(s)













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<b>Client</b>	<i>Gary Fletcher (Surfacing) Ltd</i>
<b>Address</b>	<i>Generic Documentation</i>
<b>Date</b>	<i>15/11/2016</i>
<b>Prepared By</b>	<i>C L Brown / J Sanders</i>
<b>Designation</b>	<i>External Safety Advisors</i>

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## Policy Review Record For Risk Assessments

The Company Policy for Health and Safety Including for Risk Assessments were first issued in this format:

REVISION NUMBER	DATE	DETAILS	APPROVED BY	TITLE	SIGNATURE
00	27-03-2006	Revision 0	Gary Fletcher	Managing Director	
01	17-10-2007	Revision 1	Gary Fletcher	Managing Director	
02	23-09-2009	Revision 2	Gary Fletcher	Managing Director	
03	31-10-2010	Revision 3	Gary Fletcher	Managing Director	
04	17-11-2011	Revision 4	Gary Fletcher	Managing Director	
05	20-05-2012	Revision 5	Gary Fletcher	Managing Director	
06	20-11-2012	Revision 6	Gary Fletcher	Managing Director	
07	19/11/2013	Revision 7	Gary Fletcher	Managing Director	
08	25/11/2014	Revision 8	Gary Fletcher	Managing Director	
09	10/11/2015	Revision 9	Gary Fletcher	Managing Director	
10	26/01/2016	Revision 10	Gary Fletcher	Managing Director	
11	15/11/2016	Revision 11	Gary Fletcher	Managing Director	

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<h1 style="margin: 0;">RISK ASSESSMENT</h1> <h2 style="margin: 0;">Abrasive Wheels</h2>							Ref: AW1  Page 1 of 2													
<b>EMPLOYER:</b> Gary Fletcher (Surfacing) Limited																				
<b>LOCATION:</b> Gary Fletcher (Surfacing) Ltd, Generic Documentation																				
<b>ASSESSED BY:</b> C L Brown / J Sanders					<b>DESIGNATION:</b> External Safety Advisors															
<b>LEGEND:</b> Likelihood and Severity:- 1 = Low 2 = Medium 3 = High Risk Rating (L x S):- 1-4 = Low (Acceptable) 6 = Medium (Consider further controls) 9 = Unacceptable (Do not proceed)																				
<b>SIGNIFICANT HAZARDS IDENTIFIED:</b> Give a brief description of what could be reasonably expected to cause significant harm and how that harm may arise.						<b>RISK ASSESSMENT</b>														
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UNCONTROLLED			CONTROLLED																	
L	S	RR	L	S	RR															
Particles from work piece entering the eyes						3	3	9	1	3	3									
Body contact with wheel – severe lacerations or amputation						3	3	9	1	3	3									
Bursting wheels – multiple injuries						2	3	6	1	3	3									
Fire – caused by creation of heat and/or sparks						2	2	4	1	2	2									
Fumes – petrol fumes from fuel and carbon monoxide from exhaust						1	3	3	1	3	3									
Electric shock from electrical machines (and HT system on petrol machines)						2	2	4	1	2	2									
Inhalation of respirable crystalline silica (RCS) when cutting kerbs, paving or blocks which could lead to Silicosis, Lung Cancer and Chronic Obstructive Pulmonary Disease (COPD)						3	3	9	1	3	3									
Vibration injuries caused by prolonged use						2	2	4	1	2	2									
Hearing damage – noise levels will usually be above the second action level						3	2	6	1	2	2									
<b>PERSONS AT RISK</b>		<b>Y/N</b>	<b>DETAIL</b>																	
EMPLOYEES		Y	Operatives involved in the activity																	
CONTRACTORS		Y	Other persons in the vicinity																	
MEMBERS OF PUBLIC		Y	Other persons in the vicinity																	
OTHERS		Y	Other persons in the vicinity																	
<b>CONTROL MEASURES:</b>																				
1.	Ensure that the machine has been thoroughly examined within the last 12 months (or as specified by the manufacturer). The examination certificate must be available in the workplace where the machine is being used.																			
2.	No person may mount an abrasive wheel onto a spindle unless properly trained and certificated.																			
3.	All guards must be in place. The guard should cover the whole wheel or disc except for that part necessarily exposed to do the work.																			
4.	For cutting off, use only straight sided wheels.																			
5.	Depressed centre wheels may only be used for grinding.																			
6.	Portable equipment must only be used when standing on a firm, level base.																			
7.	Discs and wheels must be stored flat in a dry location. Do not hang on nails or hooks.																			
8.	Do not use wheels or discs which are chipped or damaged.																			
9.	The correct washer, bolt and spanner must be used. If any of these are not available, the machine must not be used.																			
10.	On electric machines, ensure the power source is isolated before carrying out inspections or changing the wheel.																			
11.	Select the correct wheel for the job.																			
12.	The maximum permissible RPM of the wheel must exceed that of the machine on which it is to be used.																			
13.	Do not refuel petrol machines at the workplace – take the machine to a remote, safe fuelling point.																			
14.	Always clean out inside the guard before fitting a new wheel.																			
15.	Check that the wheel moves freely before starting.																			
16.	Ensure sparks do not ignite any combustible material or flammable substance in the work area.																			

# RISK ASSESSMENT

## Abrasive Wheels

Ref: AW1

Page 2 of 2

### CONTROL MEASURES: *Continued* /

17. Loose clothing and ties must not be worn by operators.
18. The following personal protective equipment must be worn on every occasion:
  - Eye protection (goggles)
  - Hearing protection
  - Gloves
  - Dust mask (when cutting stone)
  - Safety footwear
19. To reduce the risk of dust inhalation water suppression is the first line of defence. The minimum flow rate must be 0.5 litres per minute to damp down dust effectively.
20. Respiratory equipment – use an assigned protection factor of at least 20, even with water suppression equipment. Use either FFP3 filtering face pieces or orinatal respirators with P3 filters.

### ADDITIONAL CONTROL MEASURES: (Review at workplace and add any additional specific controls required)

Wear suitable dust mask (respirator) even with water suppression to EN149 FFP3 with a protection factor of at least 20.  
Use either FFP3 filtering face pieces or ori-nasal respirators with P3 filters.  
Operatives wearing respiratory masks must be clean shaven and have undertaken a face fit test.  
Use either FFP3 filtering face pieces or ori-nasal respirators with P3 filters.  
Wear eye protection which conforms to EN166 1B 349.

### PERSONAL PROTECTIVE EQUIPMENT:

The following PPE will be required for the work activities stated. Ensure the correct TYPE of PPE is selected.

Head Protection	✓	Eye/Face Protection	✓	Hearing Protection	✓	Hi-visibility Clothing	✓	Gloves	✓
Foot Protection	✓	Safety Clothing		R.P.E.	✓	Fall Arrest (in MEWP)			

### REVIEW AND MONITORING:

Review in light of further information becoming available or a change in conditions/circumstances.

### INFORMATION TO BE PROVIDED TO EMPLOYEES:

Information contained in this assessment.  
Operator training.

SIGNED BY ASSESSOR:

*C L Brown / J Sanders*

DATE:

15/11/2016

REVIEW DATE:

November 2017

## Page 1 of 2

# RISK ASSESSMENT

Brickwork / Blockwork

Ref: BB1

Page 2 of 2

**ADDITIONAL CONTROL MEASURES:** (Review at workplace and add any additional specific controls required)

## PERSONAL PROTECTIVE EQUIPMENT:

The following PPE will be required for the work activities stated. Ensure the correct TYPE of PPE is selected.

Head Protection	✓	Eye/Face Protection	✓	Hearing Protection		Hi-visibility Clothing	✓	Gloves	✓
Foot Protection	✓	Safety Clothing		R.P.E.	✓				

## REVIEW AND MONITORING:

Review in light of further information becoming available or a change in conditions/circumstances.

## INFORMATION TO BE PROVIDED TO EMPLOYEES:

Information contained in this assessment.

**SIGNED BY ASSESSOR:**

*C L Brown / J Sanders*

**DATE:**

15/11/2016

**REVIEW DATE:**

November 2017

Continued /



# RISK ASSESSMENT

## Building Materials

Ref: BM1

Page 2 of 2

**ADDITIONAL CONTROL MEASURES:** (Review at workplace and add any additional specific controls required)

### PERSONAL PROTECTIVE EQUIPMENT:

The following PPE will be required for the work activities stated. Ensure the correct TYPE of PPE is selected.

Head Protection	✓	Eye/Face Protection		Hearing Protection		Hi-visibility Clothing		Gloves	✓
Foot Protection	✓	Safety Clothing	✓	R.P.E.		Fall Arrest (in MEWP)			

### REVIEW AND MONITORING:

Review in light of further information becoming available or a change in conditions/circumstances. Also consider night security in high risk areas.

### INFORMATION TO BE PROVIDED TO EMPLOYEES:

Information contained in this assessment.  
Manual handling training.

**SIGNED BY ASSESSOR:**

*C L Brown / J Sanders*

**DATE:**

15/11/2016

**REVIEW DATE:**

November 2017



# RISK ASSESSMENT

Bulk Deliveries (Tippers On Site)

Ref: BD1

Page 1 of 2

**EMPLOYER:** Gary Fletcher (Surfacing) Limited

**LOCATION:** Gary Fletcher (Surfacing) Ltd, Generic Documentation

**ASSESSED BY:** C L Brown / J Sanders

**DESIGNATION:** External Safety Advisors

**LEGEND:** Likelihood and Severity:- 1 = Low 2 = Medium 3 = High

Risk Rating (L x S):- 1-4 = Low (Acceptable) 6 = Medium (Consider further controls) 9 = Unacceptable (Do not proceed)

## SIGNIFICANT HAZARDS IDENTIFIED:

Give a brief description of what could be reasonably expected to cause significant harm and how that harm may arise.

## RISK ASSESSMENT

### UNCONTROLLED

### CONTROLLED

L	S	RR	L	S	RR
3	3	9	1	3	3
3	3	9	1	3	3
3	3	9	1	3	3
3	3	9	1	3	3
3	3	9	1	3	3
3	3	9	1	3	3
3	3	9	1	3	3

Overturning of vehicle while tipping loads

Weather/site conditions which may cause skidding

Contact with pedestrians – injury

Falls from height, slips, trips and falls

Contamination to public access

Fit for propose

Driver under the influence

## PERSONS AT RISK

Y/N

## DETAIL

EMPLOYEES

Y

LGV drivers

CONTRACTORS

Y

Operatives working on sites

MEMBERS OF PUBLIC

Y

Shared access, roads, footpaths

OTHERS

N

## CONTROL MEASURES:

- Operators must tip on firm level ground, raise and lower when the vehicle is stood, never move with body raised.
- Drive according to road and site conditions; assess the site conditions before moving off road. Dry dusty conditions reduce visibility, drive slowly. Unload in designated holding areas not randomly.
- Follow traffic management plan on site - at the recommended speed limit; never undertake reversing manoeuvres unless supervised by a banksman. Stop if the banksman goes out of your vision.
- Ensure your footplate, control pedals and steps remain clean at all times, keep your footwear clean. The style of footwear can also make a difference to the likelihood of slipping while gaining access to the vehicle. Selecting the right sole for the surface and contamination type can prevent many slips. Some of these boots are marked 'oil resistant'. This relates to how the sole material becomes harder, softer or weaker due to oil impregnation – it is nothing to do with slip resistance.
- Leaving mud on the road can make the surface slippery and dangerous for motorists and cyclists as well as obscuring line-markings, you can be charged with criminal damage if an accident takes place. Check to see there are provisions in place to clean up all spillages.
- Follow a safe system of work and report all vehicle defects, undertake your daily checks before you undertake your journey.
- Drive within your statutory hours, if you are on medication check with your doctor you are safe to drive.  
The Transport and Works Act 1992 makes it a criminal offence for certain workers to be unfit through drugs and/or drink while working on railways, tramways and other guided transport systems. The operators of the transport system would also be guilty of an offence unless they had shown all due diligence in trying to prevent such an offence being committed.  
The Road Traffic Act 1988 states that any person who, when driving or attempting to drive a motor vehicle on a road or other public place is unfit to drive through drink or drugs, shall be guilty of an offence. An offence is also committed if a person unfit through drink or drugs is in charge of a motor vehicle in the same circumstances. The principal legislation in the UK for controlling the misuse of drugs.

Continued /

# RISK ASSESSMENT

Bulk Deliveries (Tippers On Site)

Ref: BD1

Page 2 of 2

**ADDITIONAL CONTROL MEASURES:** (Review at workplace and add any additional specific controls required)

## PERSONAL PROTECTIVE EQUIPMENT:

The following PPE will be required for the work activities stated. Ensure the correct TYPE of PPE is selected.

Head Protection	✓	Eye/Face Protection		Hearing Protection		Hi-visibility Clothing	✓	Gloves	✓
Foot Protection	✓	Safety Clothing		R.P.E.		Fall Arrest (in MEWP)			

## REVIEW AND MONITORING:

Review in light of further information becoming available or a change in conditions/circumstances.

## INFORMATION TO BE PROVIDED TO EMPLOYEES:

Information contained in this assessment.

**SIGNED BY ASSESSOR:**

*C L Brown / J Sanders*

**DATE:**

15/11/2016

**REVIEW DATE:**

November 2017

<h1 style="margin: 0;">RISK ASSESSMENT</h1> <h2 style="margin: 0;">Concrete Pouring</h2>						Ref: CP1  Page 1 of 2													
<b>EMPLOYER:</b> Gary Fletcher (Surfacing) Limited																			
<b>LOCATION:</b> Gary Fletcher (Surfacing) Ltd, Generic Documentation																			
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UNCONTROLLED			CONTROLLED																
L	S	RR	L	S	RR														
Contact with wet concrete to the skin and eyes causing (possibly) severe chemical burns						3   3   9   1   3   3													
Entanglement with moving parts of site plant						3   2   6   1   2   2													
Manual Handling – particularly movement of the material by shovel						2   3   6   1   3   3													
Gross spillage of material						1   3   3   1   3   3													
Delivery to site of ready mixed concrete						3   3   9   1   3   3													
<b>PERSONS AT RISK</b>		<b>Y/N</b>	<b>DETAIL</b>																
EMPLOYEES		Y	Operatives																
CONTRACTORS		Y	Others working within the vicinity																
MEMBERS OF PUBLIC		Y/N																	
OTHERS		Y/N																	
<b>CONTROL MEASURES:</b>																			
1.	<b>Contact with wet concrete</b> Inform site operatives of hazards associated with concreting and the control measures to be implemented. Wear appropriate PPE and monitor compliance. Provide/maintain suitable welfare facilities for washing and immediate first aid (eye irrigation) facilities.																		
2.	<b>Entanglement with moving parts of site plant</b> Ensure all moving parts (where there is a risk of entanglement) are guarded, or other suitable measures are in place. Do not wear loose clothing that could be caught in rotating/moving parts. Do not climb inside concrete drums. Do not reach into rotating drums with hand/arm or shovel.																		
3.	<b>Excessive noise and vibration</b> Ensure suitable hearing protection is worn. Implement job rotation to eliminate excessive periods on vibrating tools/plant etc.																		
4	<b>Entanglement with moving parts of site plant</b> Ensure all moving parts (where there is a risk of entanglement) are guarded, or other suitable measures are in place. Do not wear loose clothing that could be caught in rotating/moving parts. Do not climb inside concrete drums. Do not reach into rotating drums with hand/arm or shovel.																		
5	<b>Excessive noise and vibration</b> Ensure suitable hearing protection is worn. Implement job rotation to eliminate excessive periods on vibrating tools/plant etc.																		
6.	<b>Manual handling</b> Make best use of concrete chutes and pumps to place the majority of the wet concrete – thereby reducing work with a shovel. Reduce bending, twisting and stooping actions. Provide information on the hazards associated with manual handling operation.																		
7.	<b>Gross spillage of material</b> Where practicable allow spills to set and lift. If this is not an option, lift the wet product with suitable equipment (depending on quantity split) into a suitable receptacle for later disposal. Dispose of via authorised site or in accordance with Local Authority requirements. Avoid spills into natural watercourses due to the alkalinity of the product.																		
8.	<b>Lifting operations</b> Ensure that any lifting equipment is suitable for the job in hand (i.e. strong enough and in good condition). Arrange for inspection of lifting equipment in accordance with LOLER 98. A competent banksman should be in control of the lift. Operate a safe system of working during lifting operations. Prevent unauthorised access.																		
9.	<b>Concrete pumping operations</b> All concrete pumping operations are to be undertaken with the supervision of a competent person.																		
<b>Continued /</b>																			

# RISK ASSESSMENT

## Concrete Pouring

Ref: CP1

Page 2 of 2

### CONTROL MEASURES: *Continued* /

10.	<b>Delivery to site of ready mixed concrete</b> Inform the supplier on site-specific requirements when placing the order. Ensure the delivery driver knows the route to the task. On arrival brief the driver on the task in hand – position the delivery vehicle so as not to compromise/damage the side of excavations and/or support systems. Prevent unauthorised persons approaching.

**ADDITIONAL CONTROL MEASURES:** (Review at workplace and add any additional specific controls required)

### PERSONAL PROTECTIVE EQUIPMENT:

The following PPE will be required for the work activities stated. Ensure the correct TYPE of PPE is selected.

Head Protection	✓	Eye/Face Protection	✓	Hearing Protection	✓	Hi-visibility Clothing	✓	Gloves	✓
Foot Protection	✓	Safety Clothing	✓	R.P.E.		Fall Arrest (in MEWP)			

### REVIEW AND MONITORING:

Review in light of further information becoming available or a change in conditions/circumstances.

### INFORMATION TO BE PROVIDED TO EMPLOYEES:

Information contained in this assessment.  
Site safety induction.  
Manual Handling.  
Information contained in method statement (if applicable).

**SIGNED BY ASSESSOR:**

*C L Brown / J Sanders*


**DATE:**

15/11/2016

**REVIEW DATE:**

November 2017

<h1 style="margin: 0;">RISK ASSESSMENT</h1> <h2 style="margin: 0;">Dumpers</h2>		Ref: D1																																																																		
Page 1 of 2																																																																				
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<b>CONTROL MEASURES:</b>																																																																				
1.	<b>Overturning when working on slopes or close to edges, incorrect use at high speed</b> a) Machine operators to keep within stipulated speed limits. b) Minimise work on steep gradients where possible. c) Wheels/tyres to be in good order. d) Provision of lap belts must be worn. e) Provide roll over protection (ROPs). f) Provide wheel stops at a sufficient distance from the edges of excavations/spoil heaps, pits etc. g) Only load when the dumper is level and the handbrake is engaged. h) Only tip loads when the vehicle is stopped with the parking brake on and out of gear. i) Ensure the ground is firm and level. j) Ensure the loads are evenly distributed in the body. k) Be aware of significant amounts of material which may have stuck in the skip body, which may cause instability during tipping operation. l) Ensure the skip body is lowered as soon as the tipping operation is complete and before the dumper moves away.																																																																			
2.	<b>Collision with people and plant and hazard from falling objects</b> a) Strict compliance with the site traffic management plan and stipulated speed limits. b) Good 360 degree visibility – defined as the ability where practicable to see an object 1 metre from machine at height of 1 metre all round. c) On large dumpers, it may need a mirror or CCTV fitted to rear of unit. Ensure the dumper has a flashing beacon and reversing alarm. d) The operator should be trained and competent and be aware of the hazard from articulation of the unit. e) Do not carry passengers unless specific seating has been provided in accordance with the manufacturers recommendations. f) Ensure the engine is turned off when the driver has dismounted from the vehicle. g) If there is a hazard from falling objects then provide Falling Objects Protection (FOPs) where the risk cannot be removed.																																																																			
<i>Continued /</i>																																																																				

<b>RISK ASSESSMENT</b> Dumpers		Ref: D1																				
		Page 2 of 2																				
<b>CONTROL MEASURES: Continued /</b>																						
3.	<b>Poor maintenance/defects</b> a) Operators to carry out a safety check of the machine daily and report any defects to their immediate supervisor this must include checking of tyre pressures with gauge and wheel nuts must be checked for tightness with wheel brace. b) Maintenance / repair to only be carried out by trained and competent personnel.																					
4.	<b>Contact with machinery</b> a) Provision of suitable guards. Guards may only be removed when the machine is isolated and any residual energy released. b) Provision of isolation switch and key. The key to be in the possession of the person undertaking the work. c) The operator to be trained and competent in the hazard from articulation of the front unit.																					
5.	<b>Access and egress</b> a) Suitable access steps and handholds to be fitted to the machine. b) The cab and floor to be kept clean and free from debris.																					
6.	<b>Incorrect use / operation</b> All dumper drivers to be trained and competent in the correct use and management of site specific and general operations.																					
7.	<b>Unskilled use / operation</b> Operators of dumpers to hold valid accreditation.																					
8.	<b>Security / site discipline</b> a) Ensure dumpers are isolated and keys removed at the end of the working day and keys are removed when driver not in attendance. b) Persons must not approach the machine unless the operator signals them to approach. c) Obey site rules for parking in designated areas.																					
<b>ADDITIONAL CONTROL MEASURES:</b> (Review at workplace and add any additional specific controls required)																						
<div style="display: flex; align-items: center; justify-content: space-between;">  <div style="text-align: center; flex-grow: 1;"> <p style="font-size: 1.2em; font-weight: bold; color: #000080;"><u>Dismount while being loaded</u></p> </div> </div>																						
<b>PERSONAL PROTECTIVE EQUIPMENT:</b> The following PPE will be required for the work activities stated. Ensure the correct TYPE of PPE is selected.																						
<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tbody> <tr> <td style="width: 15%;">Head Protection</td> <td style="width: 5%;">✓</td> <td style="width: 15%;">Eye/Face Protection</td> <td style="width: 5%;">✓</td> <td style="width: 15%;">Hearing Protection</td> <td style="width: 5%;">✓</td> <td style="width: 15%;">Hi-visibility Clothing</td> <td style="width: 5%;">✓</td> <td style="width: 15%;">Gloves</td> <td style="width: 5%;">✓</td> </tr> <tr> <td>Foot Protection</td> <td>✓</td> <td>Safety Clothing</td> <td>✓</td> <td>R.P.E.</td> <td></td> <td>Fall Arrest (in MEWP)</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>			Head Protection	✓	Eye/Face Protection	✓	Hearing Protection	✓	Hi-visibility Clothing	✓	Gloves	✓	Foot Protection	✓	Safety Clothing	✓	R.P.E.		Fall Arrest (in MEWP)			
Head Protection	✓	Eye/Face Protection	✓	Hearing Protection	✓	Hi-visibility Clothing	✓	Gloves	✓													
Foot Protection	✓	Safety Clothing	✓	R.P.E.		Fall Arrest (in MEWP)																
<b>REVIEW AND MONITORING:</b> Review in light of further information becoming available or a change in conditions/circumstances.																						
<b>INFORMATION TO BE PROVIDED TO EMPLOYEES:</b> Information contained in this assessment. Site safety induction. Manual Handling. Information contained in method statement (if applicable).																						
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px; vertical-align: top;"> <b>SIGNED BY ASSESSOR:</b>   <div style="text-align: center; font-size: 1.1em; font-weight: bold;">C L Brown / J Sanders</div> </td> <td style="width: 20%; padding: 5px; vertical-align: top;"> <b>DATE:</b>   <div style="text-align: center;">15/11/2016</div> </td> <td style="width: 30%; padding: 5px; vertical-align: top;"> <b>REVIEW DATE:</b>   <div style="text-align: center;">November 2017</div> </td> </tr> </table>			<b>SIGNED BY ASSESSOR:</b>  <div style="text-align: center; font-size: 1.1em; font-weight: bold;">C L Brown / J Sanders</div>	<b>DATE:</b>  <div style="text-align: center;">15/11/2016</div>	<b>REVIEW DATE:</b>  <div style="text-align: center;">November 2017</div>																	
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# RISK ASSESSMENT

## Dusty Environments

Ref: DE1

Page 1 of 2

**EMPLOYER:** Gary Fletcher (Surfacing) Limited**LOCATION:** Gary Fletcher (Surfacing) Ltd, Generic Documentation**ASSESSED BY:** C L Brown / J Sanders**DESIGNATION:** External Safety Advisors**LEGEND:** Likelihood and Severity:- 1 = Low 2 = Medium 3 = High

Risk Rating (L x S):- 1-4 = Low (Acceptable) 6 = Medium (Consider further controls) 9 = Unacceptable (Do not proceed)

**SIGNIFICANT HAZARDS IDENTIFIED:**

Give a brief description of what could be reasonably expected to cause significant harm and how that harm may arise.

**RISK ASSESSMENT**

UNCONTROLLED CONTROLLED

L S RR L S RR

Inhalation of contaminants

3 2 6 1 2 2

Ingestion of contaminants

2 2 4 1 2 2

Asphyxia

2 3 6 1 3 3

Skin irritation

1 2 2 1 2 2

Particles entering the eyes

3 2 6 1 2 2

**PERSONS AT RISK**

Y/N

**DETAIL**

EMPLOYEES

Y

Those involved in the activities and others in or near the work area

CONTRACTORS

Y

Those in or near the work area

MEMBERS OF PUBLIC

Y

When activity is taking place near areas with public access

OTHERS

Y

Site management, maintenance and delivery personnel, etc

**CONTROL MEASURES:**

1. Refer to the arrangements and safe systems of work laid down in the company safety manual.
2. Determine what dusts are present. Separate assessments will be needed for dusts with higher associated risks, such as asbestos or hardwood.
3. Check COSHH assessments for all known substances likely to be encountered. Specific COSHH assessment is required in addition to this risk assessment – such assessments may identify the need for air monitoring.
4. Minimise presence of dust by sweeping/vacuuming, dusting, etc before commencing work.
5. Minimise creation of dust by damping down, considering alternative work methods and using local exhaust ventilation.
6. Where LEV is not available, provide good general ventilation.
7. Minimise spread of dust by providing screens and enclosures where reasonably practicable.
8. Smoking, eating and drinking should be discouraged in dusty atmospheres.
9. Provide opportunities for taking regular breaks in the fresh air.
10. Goggles to be worn – safety spectacles are unlikely to provide sufficient protection against fine dusts.
11. RPE to be worn – correct RPE must be selected to protect against the particular type of dust encountered – see appropriate section of safety manual.
12. Ensure RPE is correctly fitted so as to be fully effective.
13. Ensure good standards of personal hygiene – wash thoroughly after exposure to dust.

*Continued /*



# RISK ASSESSMENT

Dusty Environments

Ref: DE1

Page 2 of 2

**ADDITIONAL CONTROL MEASURES:** (Review at workplace and add any additional specific controls required)

## PERSONAL PROTECTIVE EQUIPMENT:

The following PPE will be required for the work activities stated. Ensure the correct TYPE of PPE is selected.

Head Protection		Eye/Face Protection	✓	Hearing Protection		Hi-visibility Clothing		Gloves	✓
Foot Protection		Safety Clothing		R.P.E.	✓	Fall Arrest			

## REVIEW AND MONITORING:

Review in light of further information becoming available or a change in conditions/circumstances.  
Monitored by site manager / supervisor.

## INFORMATION TO BE PROVIDED TO EMPLOYEES:

Information contained in this assessment.  
Work methods and sequences.  
Correct selection and use of respiratory and eye protection.  
Correct selection and use of gloves.

**SIGNED BY ASSESSOR:**

*C L Brown / J Sanders*

**DATE:**

15/11/2016

**REVIEW DATE:**

November 2017



# RISK ASSESSMENT

180 and 360 Degree Excavators

Ref: EX1

Page 1 of 2

**EMPLOYER:** Gary Fletcher (Surfacing) Limited

**LOCATION:** Gary Fletcher (Surfacing) Ltd, Generic Documentation

**ASSESSED BY:** C L Brown / J Sanders

**DESIGNATION:** External Safety Advisors

**LEGEND:** Likelihood and Severity:- 1 = Low 2 = Medium 3 = High

Risk Rating (L x S):- 1-4 = Low (Acceptable) 6 = Medium (Consider further controls) 9 = Unacceptable (Do not proceed)

## SIGNIFICANT HAZARDS IDENTIFIED:

Give a brief description of what could be reasonably expected to cause significant harm and how that harm may arise.

## RISK ASSESSMENT

UNCONTROLLED CONTROLLED

L S RR L S RR

Collision with other plant, vehicles, structures and persons

2 3 6 1 3 3

Overloading (causing overturning or failure of lifting mechanism)

3 3 9 1 3 3

Overturning (on steep includes or due to overloading or poor ground conditions)

2 3 6 1 3 3

Mechanical or hydraulic failure (caused by overloading or poor maintenance)

2 3 6 1 3 3

Machine falling into excavation or causing collapse of side of excavation

3 3 6 1 3 3

Contact with overhead or underground services

3 3 9 1 3 3

Creation of crush zones (caused by failure to maintain 600mm slewing clearance)

2 3 6 1 3 3

Use of quick hitches on buckets and other attachments

2 2 4 1 2 2

Risks associated with the repair and maintenance of excavators

2 2 4 1 2 2

Slips, trips and falls when getting in or out of excavator

2 2 4 1 2 2

Exposure to noise levels in excess of 80dB(A)

2 2 4 1 2 2

## PERSONS AT RISK

Y/N

## DETAIL

EMPLOYEES

Y

Those involved in the activities and others in or near the work area

CONTRACTORS

Y

Those in or near the work area

MEMBERS OF PUBLIC

Y

When work with excavators is taking place near areas with public access

OTHERS

Y

Site management, maintenance and delivery personnel, etc

## CONTROL MEASURES:

### PLANNING STAGE:

- Locate all underground / overhead services in and around the work area and provide barriers and markers as necessary.
- Identify adverse gradients and ground conditions – select appropriate machines and operating position.
- Ensure correct equipment is selected after consideration of working space (including slewing area), ground conditions, excavator capacities (if used for lifting), radius length (avoiding o/h cables and other obstructions) and operator visibility.
- Ensure the availability of the correct attachments for the work to be undertaken.
- Set aside a location for maintenance and the changing of attachments from which unauthorised persons can be excluded.
- Set out traffic and pedestrian routes to avoid swing areas and blind spots of excavator.

### ON SITE:

- Keep machinery a safe distance from excavations, benches or batters.
- Check certification of machine and operator before allowing work to commence. Machine must be inspected at least weekly and records kept in register.
- Check machine controls and safety features are working correctly before use. Cab guards must be all removed and stowed and windows clean. When not operating or in attendance the ignition keys must be removed and the cab door locked.
- Ensure the excavator operator is fully aware of the nature of the work to be carried out.
- Ensure workers are made fully aware of their duties and work sequences.
- Follow manufacturer's instructions for positive locking of quick hitches (lock pins), changing attachments and use of lifting and with breakers.
- Ensure quick hitch attachments are locked before work begins, all bucket exchanges must be done within a designated area on site.
- Workers responsible for attaching loads must establish a clear signalling system with the excavator operator.
- Before starting on site, excavator operators must be instructed that on no account are mobile phones to be used whilst operating an excavator. Before making or receiving calls and text messages, the excavator arm must be lowered and the machine switched off.

Continued /

# RISK ASSESSMENT

360 Degree Excavators

Ref: EX1

Page 2 of 2

## CONTROL MEASURES: (Continued)

- Always enter and leave the excavator using the proper steps and hand holds.
- Operators must wear the seat belt provided when operating with cab door open.
- Ensure clothing (such as reflective waistcoat) does not snag on controls as this could cause unexpected movements when the machine is started or the dead man disengaged.
- Operators must lower and park the boom, switch off and remove the keys before leaving the machine unattended.
- The load capacities of the machine and any attachments must never be exceeded during lifting operations.
- Operator must be trained in the correct use of quick hitches; quick hitch attachments must be checked frequently throughout the course of the work inspected weekly and the type of hitch displayed on the dipper arm.
- Ensure there is a minimum of 600mm clearance around the machine – check before starting and regularly during the work.
- Make regular use of visibility aids at all times. If they become dirty or misadjusted during the work, then stop and rectify.
- Use a banksman / spotter when view is limited or in congested and busy areas. Ensure all parties are aware of the operation to be carried out and the signals and communications to be used.
- No person may approach a working excavator until they have signalled the operator and the operator has confirmed that it is safe to approach.
- Workers must be aware of the swing area of the machine and any blind spots or areas of reduced driver visibility. They must not enter into these areas whilst the machine is operating or stand below suspended loads.
- No person may ride in, be lifted by, or work from excavator buckets.
- Hearing protection must be worn by operator and workers in vicinity if noise levels are above 80dB(A).

## PERSONAL PROTECTIVE EQUIPMENT:

The following PPE will be required for the work activities stated. Ensure the correct TYPE of PPE is selected.

Head Protection	✓	Eye/Face Protection		Hearing Protection	✓	Hi-visibility Clothing	✓	Gloves	
Foot Protection	✓	Safety Clothing		R.P.E.		Fall Arrest (in MEWP)			

## REVIEW AND MONITORING:

Review in light of further information becoming available or a change in conditions/circumstances.  
Monitored by site supervisor/foreman and excavator operator.

## INFORMATION TO BE PROVIDED TO EMPLOYEES:

Information contained in this assessment, method statement and construction phase health and safety plan.  
Site safety induction.

SIGNED BY ASSESSOR:

*C L Brown / J Sanders*

DATE:

15/11/2016

REVIEW DATE:

November 2017



<h1 style="margin: 0;">RISK ASSESSMENT</h1> <h2 style="margin: 0;">Excavator Semi-Automatic Quick Hitches</h2>							Ref: ESA1					
EMPLOYER: Gary Fletcher (Surfacing) Limited												
LOCATION: Gary Fletcher (Surfacing) Ltd, Generic Documentation												
ASSESSED BY: C L Brown / J Sanders					DESIGNATION: External Safety Advisors							
<b>LEGEND:</b> Likelihood and Severity:- 1 = Low 2 = Medium 3 = High Risk Rating (L x S):- 1-4 = Low (Acceptable) 6 = Medium (Consider further controls) 9 = Unacceptable (Do not proceed)												
<b>SIGNIFICANT HAZARDS IDENTIFIED:</b> Give a brief description of what could be reasonably expected to cause significant harm and how that harm may arise.							<b>RISK ASSESSMENT</b>					
							UNCONTROLLED		CONTROLLED			
							L	S	RR	L	S	RR
No manufacturer's instruction for the quick hitch available							3	3	9	1	3	3
Operative not trained in use of quick hitches							3	3	9	1	3	3
No system of operator checks that the pin is in place before starting work and when a different attachment is used							3	3	9	1	3	3
Falling bucket from machine while being exchanged							3	3	9	1	3	3
Lost pins or clips							3	3	9	1	3	3
Bucket rolling							3	3	9	1	3	3
Incorrect pins or clips in use							3	3	9	1	3	3
Not tested or inspected on due dates							3	3	9	1	3	3
Use in connection with untested attachments							3	3	9	1	3	3
Ground workers not given awareness training for quick hitches							3	3	9	1	3	3
No advisory notices posted on dipper arm or in cab							3	3	9	1	3	3
<b>PERSONS AT RISK</b>	<b>Y/N</b>	<b>DETAIL</b>										
EMPLOYEES	Y	Plant operators ground workers										
CONTRACTORS	Y/N	Other contractors working on site										
MEMBERS OF PUBLIC	Y/N	When equipment is used on the public highway										
OTHERS	Y/N	No										
<b>CONTROL MEASURES:</b>												
1.	Manufacturer's instruction for the quick hitch must be readily available on the machine at all times for all types.											
2.	Operative must be trained in use of quick hitches to a recognised standard not familiarisation instruction.											
3.	Operator checks that the pin is in place before starting work and when a different attachment is used. Adopt the shake rattle and roll check when exchanging the fully automatic hitch in a safe area away from others.											
4.	Buckets must be exchanged in a safe designated area not close to the workface or where other persons are present, the ground should be firm and level and protected with suitable barriers which can be closed.											
5.	If any clip or retaining pin is lost, the machine must be taken out of use until a suitable replacement is obtained.											
6.	When releasing and connecting the bucket on the semi automatic, care must be taken when using the pinch bar, the bucket will swing and could injure the legs, always stand clear as the bucket swings free.											
7.	The pins should be painted red and clearly visible to others.											
8.	The hitch must be tested at regular intervals every 12 months or part thereof, certification must be held on site.											
9.	Any sling, shackle, lifting eye or other attachments must also be tested and hold certification on site.											
10.	Ground workers must be given awareness training for quick hitches											
11.	Advisory notices must be posted on each side of the dipper arm and on the inside of the cab window explaining the type of hitch in use.											
Continued /												

# RISK ASSESSMENT

Excavator Semi-Automatic Quick Hitches

Ref: ESA1

Page 2 of 2

**ADDITIONAL CONTROL MEASURES:** (Review at workplace and add any additional specific controls required)

Check with client or site manager for any site specific rules applicable to the work location

## PERSONAL PROTECTIVE EQUIPMENT:

The following PPE will be required for the work activities stated. Ensure the correct TYPE of PPE is selected.

Head Protection	✓	Eye/Face Protection		Hearing Protection	✓	Hi-visibility Clothing	✓	Gloves	✓
Foot Protection	✓	Safety Clothing	✓	R.P.E.		Fall Arrest (in MEWP)			

## REVIEW AND MONITORING:

Review in light of further information becoming available or a change in conditions/circumstances.

## INFORMATION TO BE PROVIDED TO EMPLOYEES:

Information contained in this assessment.

**SIGNED BY ASSESSOR:**

*C L Brown / J Sanders*

**DATE:**

15/11/2016

**REVIEW DATE:**

November 2017

<h1 style="margin: 0;">RISK ASSESSMENT</h1> <h2 style="margin: 0;">Hand Tools</h2>		Ref: HT1  Page 1 of 2																																																						
<b>EMPLOYER:</b> Gary Fletcher (Surfacing) Limited																																																								
<b>LOCATION:</b> Gary Fletcher (Surfacing) Ltd, Generic Documentation																																																								
<b>ASSESSED BY:</b> C L Brown / J Sanders	<b>DESIGNATION:</b> External Safety Advisors																																																							
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Injuries to eyes caused by flying particles.	2	3	6	1	3	3																																																		
Injury to hands, feet and body from contact with tool or work piece.	2	2	4	1	2	2																																																		
Sprains and strains caused by using hand tools incorrectly.	2	2	4	1	2	2																																																		
Injury causes by tripping over tools (due to poor housekeeping).	2	2	4	1	2	2																																																		

# RISK ASSESSMENT

## Hand Tools

Ref: HT1

Page 2 of 2

**ADDITIONAL CONTROL MEASURES:** (Review at workplace and add any additional specific controls required)

### PERSONAL PROTECTIVE EQUIPMENT:

The following PPE will be required for the work activities stated. Ensure the correct TYPE of PPE is selected.

Head Protection		Eye/Face Protection	✓	Hearing Protection	✓	Hi-visibility Clothing		Gloves	✓
Foot Protection	✓	Safety Clothing		R.P.E.					

### REVIEW AND MONITORING:

Review in light of further information becoming available or a change in conditions/circumstances.

### INFORMATION TO BE PROVIDED TO EMPLOYEES:

Information contained in this assessment.  
Operator training.

**SIGNED BY ASSESSOR:**

*C L Brown / J Sanders*

**DATE:**

15/11/2016

**REVIEW DATE:**

November 2017

<h1 style="margin: 0;">RISK ASSESSMENT</h1> <h2 style="margin: 0;">Kerb Laying</h2>						Ref: KL1  Page 1 of 2					
<b>EMPLOYER:</b> Gary Fletcher (Surfacing) Limited											
<b>LOCATION:</b> Gary Fletcher (Surfacing) Ltd, Generic Documentation											
<b>ASSESSED BY:</b> C L Brown / J Sanders				<b>DESIGNATION:</b> External Safety Advisors							
<b>LEGEND:</b> Likelihood and Severity:- 1 = Low 2 = Medium 3 = High Risk Rating (L x S):- 1-4 = Low (Acceptable) 6 = Medium (Consider further controls) 9 = Unacceptable (Do not proceed)											
<b>SIGNIFICANT HAZARDS IDENTIFIED:</b> Give a brief description of what could be reasonably expected to cause significant harm and how that harm may arise.						<b>RISK ASSESSMENT</b>					
						UNCONTROLLED			CONTROLLED		
						L	S	RR	L	S	RR
Personal injury, e.g. trapped and crushed digits, hands, toes and feet						2	3	6	1	3	3
Musculo-skeletal problems due to manual handling						2	2	4	1	2	2
Collapse of kerb stockpile						2	3	6	1	3	3
Burns from cement / concrete						2	3	6	1	3	3
Weather conditions						2	2	4	1	3	3
<b>PERSONS AT RISK</b>		<b>Y/N</b>	<b>DETAIL</b>								
EMPLOYEES		Y	Operatives								
CONTRACTORS		Y	Operatives within the vicinity								
MEMBERS OF PUBLIC		Y	General public								
OTHERS		Y/N									
<b>CONTROL MEASURES:</b>											
1.	All operatives must be trained, authorised and fit to carry out the required tasks.										
2.	All operations must be adequately supervised and a safe method of working must be carried out for all operations where the manual handling of kerbs is required. This must take into account factors such as weather, amount of kerbs to be manually handled, the weight of the kerb, the amount to be lifted, the terrain in which they are to be moved, and the number of men available to carry out the required tasks.										
3.	Wherever practicable mechanical lifting devices should be used.										
4.	Mechanical lifting devices must be used in accordance with the manufacturers' instructions by competent operatives.										
5.	Kerbs must be stored on level, stable ground no more than 2 pallets high with good access for vehicles to load and unload.										
6.	Unused slabs / kerbs must not be left unsupported and will be laid flat overnight.										
7.	Safe access is to be maintained when working near occupied premises, roads or footpaths.										
8.	Signs, barriers and alternative safe routes to be used to give warning of pavement/road closures and provide safe access routes for pedestrians and vehicles where appropriate, especially in areas accessible to the public.										
9.	Only mechanical lifting machines rated less than 80dB (a) should be used without suitable hearing protection.										
10.	When cutting silica based products – paving, kerbs using a power saw, ensure water suppression is used. Operatives must wear FFP3 respiratory, ear and eye protection.										
11.	All operatives have received face fit testing – certification can be produced on request.										
12.	<b>Kerbs must be no more than 1 pack high if banding / plastic packaging is removed!</b>										
<b>Continued /</b>											



# RISK ASSESSMENT

Kerb Laying

Ref: KL1

Page 2 of 2

**ADDITIONAL CONTROL MEASURES:** (Review at workplace and add any additional specific controls required)

## PERSONAL PROTECTIVE EQUIPMENT:

The following PPE will be required for the work activities stated. Ensure the correct TYPE of PPE is selected.

Head Protection	✓	Eye/Face Protection	✓	Hearing Protection	✓	Hi-visibility Clothing	✓	Gloves	✓
Foot Protection	✓	Safety Clothing	✓	R.P.E.	✓	Fall Arrest (in MEWP)			

## REVIEW AND MONITORING:

Review in light of further information becoming available or a change in conditions/circumstances.

## INFORMATION TO BE PROVIDED TO EMPLOYEES:

Information contained in this assessment.

**SIGNED BY ASSESSOR:**

*C L Brown / J Sanders*

**DATE:**

15/11/2016

**REVIEW DATE:**

November 2017



# RISK ASSESSMENT

Leptospirosis (Weil's Disease)

Ref: WD1

Page 1 of 2

**EMPLOYER:** Gary Fletcher (Surfacing) Limited

**LOCATION:** Gary Fletcher (Surfacing) Ltd, Generic Documentation

**ASSESSED BY:** C L Brown / J Sanders

**DESIGNATION:** External Safety Advisors

**LEGEND:** Likelihood and Severity:- 1 = Low 2 = Medium 3 = High

Risk Rating (L x S):- 1-4 = Low (Acceptable) 6 = Medium (Consider further controls) 9 = Unacceptable (Do not proceed)

## SIGNIFICANT HAZARDS IDENTIFIED:

Give a brief description of what could be reasonably expected to cause significant harm and how that harm may arise.

## RISK ASSESSMENT

UNCONTROLLED CONTROLLED

L S RR L S RR

Leptospirosis (Weil's Disease) is a bacterial disease that affects humans and animals. It is caused by bacteria of the genus *Leptospira*. In humans it causes a wide range of symptoms and some infected persons may have no symptoms at all. Symptoms of leptospirosis include high fever, severe headache, chills, muscle aches and vomiting and may include jaundice (yellow skin and eyes), red eyes, abdominal pain, diarrhoea or a rash. If the disease is not treated the patient could develop kidney damage, meningitis (inflammation of the membrane around the brain and spinal cord), liver failure and respiratory distress. In rare cases death occurs. Leptospirosis is confirmed by laboratory testing of a blood or urine sample.

3	3	9	1	3	3
---	---	---	---	---	---

Those workers most at risk are persons who work in areas where rat infestations are likely, contact with infected urine or contaminated water such as working in sewers, ditches, ponds and slow-flowing rivers and soil containing urine from infected animals.

3	3	9	1	3	3
---	---	---	---	---	---

Infection may happen by swallowing contaminated food or water, or through skin contact especially with mucosal surfaces such as the eyes or nose or with broken skin.

3	3	9	1	3	3
---	---	---	---	---	---

## PERSONS AT RISK

Y/N

## DETAIL

EMPLOYEES

Y

Persons engaged in the activity

CONTRACTORS

Y/N

MEMBERS OF PUBLIC

Y/N

OTHERS

Y/N

## CONTROL MEASURES:

1. Ensure you are in possession of the INDG84 Leptospirosis pocket card.
2. Wash cuts and grazes immediately with soap and running water and cover all cuts and broken skin with waterproof plasters before and during work.
3. Wear protective clothing and footwear.
4. Wash your hands after handling any animal, or any contaminated clothing or other materials.
5. Always wash your hands before eating or drinking.
6. If you have been working in areas of known rat infestation and start feeling unwell within 2 days to 4 weeks consult your medical practitioner immediately.

Continued /

# RISK ASSESSMENT

Leptospirosis (Weil's Disease)

Ref: WD1

Page 2 of 2

**ADDITIONAL CONTROL MEASURES:** (Review at workplace and add any additional specific controls required)

## PERSONAL PROTECTIVE EQUIPMENT:

The following PPE will be required for the work activities stated. Ensure the correct TYPE of PPE is selected.

Head Protection		Eye/Face Protection	✓	Hearing Protection		Hi-visibility Clothing		Gloves	✓
Foot Protection	✓	Safety Clothing		R.P.E.		Barrier Cream	✓		

## REVIEW AND MONITORING:

Review in light of further information becoming available or a change in conditions/circumstances.

## INFORMATION TO BE PROVIDED TO EMPLOYEES:

Information contained in this assessment.

**SIGNED BY ASSESSOR:**

*C L Brown / J Sanders*

**DATE:**

15/11/2016

**REVIEW DATE:**

November 2017

## Page 1 of 2

Continued /

# RISK ASSESSMENT

Lifting Equipment (General)

Ref: LE1

Page 2 of 2

**ADDITIONAL CONTROL MEASURES:** (Review at workplace and add any additional specific controls required)

## PERSONAL PROTECTIVE EQUIPMENT:

The following PPE will be required for the work activities stated. Ensure the correct TYPE of PPE is selected.

Head Protection		Eye/Face Protection		Hearing Protection		Hi-visibility Clothing		Gloves	
Foot Protection		Safety Clothing		R.P.E.					

## REVIEW AND MONITORING:

Review in light of further information becoming available or a change in conditions/circumstances.

## INFORMATION TO BE PROVIDED TO EMPLOYEES:

Information contained in this assessment.  
Operator training.

**SIGNED BY ASSESSOR:**

*C L Brown / J Sanders*

**DATE:**

15/11/2016

**REVIEW DATE:**

November 2017

<h1 style="margin: 0;">RISK ASSESSMENT</h1> <h2 style="margin: 0;">Manual Handling and Lifting</h2>							Ref: MHL1													
<b>EMPLOYER:</b> Gary Fletcher (Surfacing) Limited																				
<b>LOCATION:</b> Gary Fletcher (Surfacing) Ltd, Generic Documentation																				
<b>ASSESSED BY:</b> C L Brown / J Sanders					<b>DESIGNATION:</b> External Safety Advisors															
<b>LEGEND:</b> Likelihood and Severity:- 1 = Low 2 = Medium 3 = High Risk Rating (L x S):- 1-4 = Low (Acceptable) 6 = Medium (Consider further controls) 9 = Unacceptable (Do not proceed)																				
<b>SIGNIFICANT HAZARDS IDENTIFIED:</b> Give a brief description of what could be reasonably expected to cause significant harm and how that harm may arise.						<b>RISK ASSESSMENT</b>														
						<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="3">UNCONTROLLED</th> <th colspan="3">CONTROLLED</th> </tr> <tr> <th>L</th> <th>S</th> <th>RR</th> <th>L</th> <th>S</th> <th>RR</th> </tr> </table>			UNCONTROLLED			CONTROLLED			L	S	RR	L	S	RR
UNCONTROLLED			CONTROLLED																	
L	S	RR	L	S	RR															
Back strain, slipped disc, hernias due to incorrect handling or lifting						2	3	6	1	3	3									
Lacerations, crushing of hands or fingers						2	3	6	1	3	3									
Bruised or broken toes or feet						2	3	6	1	3	3									
Tenosynovitis, various sprains and strains						2	3	6	1	3	3									
<b>PERSONS AT RISK</b>	<b>Y/N</b>	<b>DETAIL</b>																		
EMPLOYEES	Y	Operative involved in activity																		
CONTRACTORS	Y/N																			
MEMBERS OF PUBLIC	Y/N																			
OTHERS	Y/N																			
<b>CONTROL MEASURES:</b>																				
1.	Ensure all operatives involved in manual handling operations are trained in the relevant procedures. Training will be based on the physical structure of the body and the effect of attempt to handle loads in various positions.																			
2.	Wherever possible use mechanical means to lift and transport items.																			
3.	Where use of mechanical means is impracticable, then sufficient persons must be available to lift the load and take into account the size, shape and weight of that load. Consideration will also be given to the path of the load and the immediate environment, e.g. floor conditions, lighting, access etc.																			
4.	Ensure items are correctly lifted with back straight and using the legs to raise yourself if the load is low. Use a good grip with the feet apart to hip width and one foot slightly in front of the other.																			
5.	Avoid twisting, stooping or reaching to left or deposit the load.																			
6.	Ensure that access areas are clean, clear and that the lighting is adequate.																			
7.	Wear suitable personal protective equipment, i.e. gloves, safety footwear equipment relevant to the working environment.																			
8.	Protect sharp edges.																			
9.	Avoid long lifts and if necessary change grip when the load is at waist height.																			
10.	Keep the load close to the body.																			
11.	Arrange storage so that the heaviest loads are in the most convenient position, i.e. from knee to shoulder range.																			
12.	For long distances arrange supports to allow the load to be placed for brief breaks. If possible, break the load down into smaller items. If possible, provide proper handles, handholds or use carrying devices to avoid the possibility of trapped fingers etc.																			
13.	Secure items which are loose to prevent the load shifting when being carried. Avoid carrying up and down steps.																			
14.	Spreading requires the posture to be bent and requires forward and backward motion regular breaks need to be taken to allow the body to recover.																			
15.	<b>When using lifting aids such as wheelbarrows ensure that they do not exceed manufacturer's maximum load and that they are not overly full.</b>																			
Continued /																				

# RISK ASSESSMENT

## Manual Handling and Lifting

Ref: MHL1

Page 2 of 2

**ADDITIONAL CONTROL MEASURES:** (Review at workplace and add any additional specific controls required)

### PERSONAL PROTECTIVE EQUIPMENT:

The following PPE will be required for the work activities stated. Ensure the correct TYPE of PPE is selected.

Head Protection		Eye/Face Protection		Hearing Protection		Hi-visibility Clothing		Gloves	
Foot Protection		Safety Clothing		R.P.E.		Fall Arrest (in MEWP)			

### REVIEW AND MONITORING:

Review in light of further information becoming available or a change in conditions/circumstances.

### INFORMATION TO BE PROVIDED TO EMPLOYEES:

Information contained in this assessment.

Site safety induction.

Manual Handling Lifting Training (if applicable).

**SIGNED BY ASSESSOR:**

*C L Brown / J Sanders*

**DATE:**

15/11/2016

**REVIEW DATE:**

November 2017

<h1 style="margin: 0;">RISK ASSESSMENT</h1> <p style="margin: 0;">Noise</p>						Ref: N1					
Page 1 of 2											
<b>EMPLOYER:</b> Gary Fletcher (Surfacing) Limited											
<b>LOCATION:</b> Gary Fletcher (Surfacing) Ltd, Generic Documentation											
<b>ASSESSED BY:</b> C L Brown / J Sanders				<b>DESIGNATION:</b> External Safety Advisors							
<b>LEGEND:</b> Likelihood and Severity:- 1 = Low 2 = Medium 3 = High Risk Rating (L x S):- 1-4 = Low (Acceptable) 6 = Medium (Consider further controls) 9 = Unacceptable (Do not proceed)											
<b>SIGNIFICANT HAZARDS IDENTIFIED:</b> Give a brief description of what could be reasonably expected to cause significant harm and how that harm may arise.						<b>RISK ASSESSMENT</b>					
						UNCONTROLLED			CONTROLLED		
						L	S	RR	L	S	RR
Damage to hearing caused by prolonged exposure to noise above 80dB(A)						3	2	6	1	2	2
Damage to hearing caused by prolonged exposure to noise above 85dB(A)						3	3	9	1	3	3
Damage to hearing caused by any exposure to noise above 140dB(A) (200 pascals)						2	3	6	1	3	3
<b>PERSONS AT RISK</b>		<b>Y/N</b>	<b>DETAIL</b>								
EMPLOYEES		Y	Those involved in the activities and others in or near the work area								
CONTRACTORS		Y/N									
MEMBERS OF PUBLIC		Y/N									
OTHERS		Y/N									
<b>CONTROL MEASURES:</b>											
1.	For all work activities, noise levels must be reduced to their lowest practicable level using means other than hearing protection, (e.g. screens, mufflers, engineering solutions, etc).										
2.	Between 80dB(A) and 85dB(A), all employees must be advised to wear hearing protection and be provided with it on request.										
3.	Above 80dB(A) the use of hearing protection is mandatory and must be strictly enforced.										
4.	Where the noise level regularly exceeds 80dB(A) and it is practicable to do so hearing protection zones must be designated. Access to these zones must be restricted to necessary personnel only and signs erected to this effect.										
5.	For high risk areas and activities, a separate, specific assessment is recommended.										
6.	Ensure that different types of hearing protection are available so as to suit individual requirements, (e.g. earmuffs, earplugs, semi-inserts).										
7.	Ensure that the hearing protection selected is effective in reducing exposure to a safe level (i.e. below 80dB(A).										
8.	Earplugs should only be used once and never by persons with dirty hands.										
9.	Semi-inserts must be washed before each use according to manufacturer's instructions.										
10.	Dirty or damaged hearing protection must not be used.										
11.	If hearing protection is to be used in conjunction with other PPE, care must be taken to ensure that one does not impair the effectiveness of the other (e.g. when using ear muffs attached to a safety helmet, care must be taken to ensure that an effective seal around the ear is maintained at all times).										
<b>Continued /</b>											



<h1 style="margin: 0;">RISK ASSESSMENT</h1> <p style="margin: 0;">Noise</p>		Ref: N1  Page 2 of 2												
<p><b>ADDITIONAL CONTROL MEASURES:</b> (Review at workplace and add any additional specific controls required)</p>          														
<p style="text-align: center;"><b>PERSONAL PROTECTIVE EQUIPMENT:</b></p> <p>The following PPE will be required for the work activities stated. Ensure the correct TYPE of PPE is selected.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Head Protection</td> <td style="width: 25%;">Eye/Face Protection</td> <td style="width: 25%;">Hearing Protection</td> <td style="width: 25%; text-align: center;">✓</td> <td style="width: 25%;">Hi-visibility Clothing</td> <td style="width: 25%;">Gloves</td> </tr> <tr> <td>Foot Protection</td> <td>Safety Clothing</td> <td>R.P.E.</td> <td></td> <td>Fall Arrest</td> <td></td> </tr> </table>			Head Protection	Eye/Face Protection	Hearing Protection	✓	Hi-visibility Clothing	Gloves	Foot Protection	Safety Clothing	R.P.E.		Fall Arrest	
Head Protection	Eye/Face Protection	Hearing Protection	✓	Hi-visibility Clothing	Gloves									
Foot Protection	Safety Clothing	R.P.E.		Fall Arrest										
<p><b>REVIEW AND MONITORING:</b></p> <p>Review in light of further information becoming available or a change in conditions/circumstances.</p>          														
<p><b>INFORMATION TO BE PROVIDED TO EMPLOYEES:</b></p> <p>Information contained in this assessment.</p> <p>Operator training.</p> <p>Information regarding the selection and use of hearing protection.</p>          														
<p><b>SIGNED BY ASSESSOR:</b></p> <p style="text-align: center; font-size: 1.2em;"><i>C L Brown / J Sanders</i></p>	<p><b>DATE:</b></p> <p style="text-align: center;">15/11/2016</p>	<p><b>REVIEW DATE:</b></p> <p style="text-align: center;">November 2017</p>												

<h1 style="margin: 0;">RISK ASSESSMENT</h1> <p style="margin: 0;">Openings / Holes, Voids and Edges</p>		Ref: OHV1  Page 1 of 2															
<b>EMPLOYER:</b> Gary Fletcher (Surfacing) Limited																	
<b>LOCATION:</b> Gary Fletcher (Surfacing) Ltd, Generic Documentation																	
<b>ASSESSED BY:</b> C L Brown / J Sanders	<b>DESIGNATION:</b> External Safety Advisors																
<b>LEGEND:</b> Likelihood and Severity:- 1 = Low 2 = Medium 3 = High Risk Rating (L x S):- 1-4 = Low (Acceptable) 6 = Medium (Consider further controls) 9 = Unacceptable (Do not proceed)																	
<b>SIGNIFICANT HAZARDS IDENTIFIED:</b> Give a brief description of what could be reasonably expected to cause significant harm and how that harm may arise.	<b>RISK ASSESSMENT</b>																
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UNCONTROLLED			CONTROLLED														
L	S	RR	L	S	RR												
Persons falling into openings / holes and voids or from open edges	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 16.6%;">2</td> <td style="width: 16.6%;">3</td> <td style="width: 16.6%;">6</td> <td style="width: 16.6%;">1</td> <td style="width: 16.6%;">3</td> <td style="width: 16.6%;">3</td> </tr> </table>		2	3	6	1	3	3									
2	3	6	1	3	3												
Falls of materials onto persons below	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 16.6%;">2</td> <td style="width: 16.6%;">3</td> <td style="width: 16.6%;">6</td> <td style="width: 16.6%;">1</td> <td style="width: 16.6%;">3</td> <td style="width: 16.6%;">3</td> </tr> </table>		2	3	6	1	3	3									
2	3	6	1	3	3												
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 25%;">PERSONS AT RISK</th> <th style="width: 10%;">Y/N</th> <th style="width: 65%;">DETAIL</th> </tr> <tr> <td>EMPLOYEES</td> <td style="text-align: center;">Y</td> <td>Operatives involved in activity</td> </tr> <tr> <td>CONTRACTORS</td> <td style="text-align: center;">Y/N</td> <td></td> </tr> <tr> <td>MEMBERS OF PUBLIC</td> <td style="text-align: center;">Y/N</td> <td></td> </tr> <tr> <td>OTHERS</td> <td style="text-align: center;">Y/N</td> <td></td> </tr> </table>	PERSONS AT RISK	Y/N	DETAIL	EMPLOYEES	Y	Operatives involved in activity	CONTRACTORS	Y/N		MEMBERS OF PUBLIC	Y/N		OTHERS	Y/N			
PERSONS AT RISK	Y/N	DETAIL															
EMPLOYEES	Y	Operatives involved in activity															
CONTRACTORS	Y/N																
MEMBERS OF PUBLIC	Y/N																
OTHERS	Y/N																
<b>CONTROL MEASURES:</b>																	
1.	All openings are clearly identified on site plans.																
2.	Where persons may fall any distance from which an injury may occur, edge protection must be provided.																
3.	Ground chambers, such as manholes and gulley pots must be covered with their permanent covers/lids wherever practicable. Temporary covers must be sufficiently robust as to prevent persons falling through them or becoming accidentally dislodged.																
4.	The top guard rail must be at least 910mm high (although 1000mm is preferred).																
5.	Toe boards must be at least 150mm high.																
6.	There must not be an unprotected gap between the toe board and the top guard rail of more than 470mm (use intermediate guard rails or brick guards).																
7.	Where practicable, do not store materials near holes or edges.																
8.	Visitors are accompanied at all times on site and they are fully inducted on site rules.																
<i>Continued /</i>																	

# RISK ASSESSMENT

## Openings / Holes, Voids and Edges

Ref: OHV1

Page 2 of 2

**ADDITIONAL CONTROL MEASURES:** (Review at workplace and add any additional specific controls required)

### PERSONAL PROTECTIVE EQUIPMENT:

The following PPE will be required for the work activities stated. Ensure the correct TYPE of PPE is selected.

Head Protection	✓	Eye/Face Protection	✓	Hearing Protection		Hi-visibility Clothing	✓	Gloves	✓
Foot Protection	✓	Safety Clothing		R.P.E.					

### REVIEW AND MONITORING:

Review in light of further information becoming available or a change in conditions/circumstances.

### INFORMATION TO BE PROVIDED TO EMPLOYEES:

Information contained in this assessment.

**SIGNED BY ASSESSOR:**

*C L Brown / J Sanders*

**DATE:**

15/11/2016

**REVIEW DATE:**

November 2017

## Page 1 of 2

ISO 9001:2000

# RISK ASSESSMENT

Percussive Tools

Ref: PT1

Page 2 of 2

**ADDITIONAL CONTROL MEASURES:** (Review at workplace and add any additional specific controls required)

## PERSONAL PROTECTIVE EQUIPMENT:

The following PPE will be required for the work activities stated. Ensure the correct TYPE of PPE is selected.

Head Protection		Eye/Face Protection		Hearing Protection		Hi-visibility Clothing		Gloves	
Foot Protection		Safety Clothing		R.P.E.					

## REVIEW AND MONITORING:

Review in light of further information becoming available or a change in conditions/circumstances.

## INFORMATION TO BE PROVIDED TO EMPLOYEES:

Information contained in this assessment.

Site safety induction

**SIGNED BY ASSESSOR:**

*C L Brown / J Sanders*

**DATE:**

15/11/2016

**REVIEW DATE:**

November 2017

## Page 1 of 2



# RISK ASSESSMENT

Plant Re-Fuelling Operations

Ref: PR1

Page 2 of 2

**ADDITIONAL CONTROL MEASURES:** (Review at workplace and add any additional specific controls required)

## PERSONAL PROTECTIVE EQUIPMENT:

The following PPE will be required for the work activities stated. Ensure the correct TYPE of PPE is selected.

Head Protection		Eye/Face Protection	✓	Hearing Protection		Hi-visibility Clothing		Gloves		✓
Foot Protection	✓	Safety Clothing	✓	R.P.E.						

## REVIEW AND MONITORING:

Review in light of further information becoming available or a change in conditions/circumstances.

## INFORMATION TO BE PROVIDED TO EMPLOYEES:

Information contained in this assessment.

**SIGNED BY ASSESSOR:**

*C L Brown / J Sanders*

**DATE:**

15/11/2016

**REVIEW DATE:**

November 2017

<h1 style="margin: 0;">RISK ASSESSMENT</h1> <p style="margin: 0;">PPE</p>						Ref: PPE1													
EMPLOYER: Gary Fletcher (Surfacing) Limited																			
LOCATION: Gary Fletcher (Surfacing) Ltd, Generic Documentation																			
ASSESSED BY: C L Brown / J Sanders				DESIGNATION: External Safety Advisors															
<b>LEGEND:</b> Likelihood and Severity:- 1 = Low 2 = Medium 3 = High Risk Rating (L x S):- 1-4 = Low (Acceptable) 6 = Medium (Consider further controls) 9 = Unacceptable (Do not proceed)																			
<b>SIGNIFICANT HAZARDS IDENTIFIED:</b> Give a brief description of what could be reasonably expected to cause significant harm and how that harm may arise.						<b>RISK ASSESSMENT</b>													
						<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="3">UNCONTROLLED</th> <th colspan="3">CONTROLLED</th> </tr> <tr> <th>L</th> <th>S</th> <th>RR</th> <th>L</th> <th>S</th> <th>RR</th> </tr> </table>		UNCONTROLLED			CONTROLLED			L	S	RR	L	S	RR
UNCONTROLLED			CONTROLLED																
L	S	RR	L	S	RR														
Falls of materials onto unprotected limbs/ head						2 3 6 1 3 3													
Inhalation of toxic or harmful substance						2 2 4 1 2 2													
Cuts to hands or body						2 2 4 1 2 2													
Crush injuries to feet						2 3 6 1 3 3													
Collision with plant						2 3 6 1 3 3													
Damage to eyes						2 2 4 1 2 2													
Damage to hearing						2 2 4 1 2 2													
<b>PERSONS AT RISK</b>	<b>Y/N</b>	<b>DETAIL</b>																	
EMPLOYEES	Y																		
CONTRACTORS	Y																		
MEMBERS OF PUBLIC	Y																		
OTHERS	Y																		
<b>CONTROL MEASURES:</b>																			
1.	All persons to conform to site PPE rules.																		
2.	Hard hats to conform to the Construction Head Protection Regulations 1989.																		
3.	Operatives to check job specific method and risk packages prior to commencing to ensure the required PPE is worn in conjunction with that stated in the document.																		
4.	For RPE a qualitative fit testing is usually adequate for disposable filter face pieces and half-masks. This is undertaken as a simple pass/fail based on the wearers' subjective assessment of the fit and leakage. This method is not suitable for full-face masks. Any worn or damaged items must be disposed off. Respiratory equipment – use an assigned protection factor of at least 20, even with water suppression equipment - for cutting all silica based products use either FFP3 filtering face pieces or orinalal respirators with P3 filters.																		
5.	Hearing protection must be provided were noise levels exceed 85db (A) to EN352-1 as a minimum standard. Equipment should be kept in a safe clean location, insertion plugs should be disposed of at the end of the working shift, cups should be kept clean and inspected for damage prior to use.																		
6.	Safety footwear should be worn at all times whilst on site, with steel toecaps and a midsole; lace up boots/shoes should be worn to ensure good ankle support.																		
7.	Where a COSHH assessment / risk assessment dictates gloves should be worn, these need to be free of damage and appropriate for the work being undertaken, all contaminated gloves should be disposed off.																		
8.	Where plant is working in close proximity with site operatives, high visibility clothing should be worn at all times.																		
9.	Goggles / safety glasses to EN166 1B 349 standards must be worn, they must be kept clean and not sited with the lens facing towards the ground, any glasses / goggles, which have impaired vision due to scratches, must be replaced. The choice of glasses or goggles should be dictated within the specific risk assessment for the task to be undertaken.																		
Continued /																			



# RISK ASSESSMENT

PPE

Ref: PPE1

Page 2 of 2

**ADDITIONAL CONTROL MEASURES:** (Review at workplace and add any additional specific controls required)

## PERSONAL PROTECTIVE EQUIPMENT:

The following PPE will be required for the work activities stated. Ensure the correct TYPE of PPE is selected.

Head Protection	✓	Eye/Face Protection	✓	Hearing Protection	✓	Hi-visibility Clothing	✓	Gloves	✓
Foot Protection	✓	Safety Clothing		R.P.E.	✓	Fall Arrest (in MEWP)			

## REVIEW AND MONITORING:

Review in light of further information becoming available or a change in conditions/circumstances.

## INFORMATION TO BE PROVIDED TO EMPLOYEES:

Information contained in this assessment.

**SIGNED BY ASSESSOR:**

*C L Brown / J Sanders*

**DATE:**

15/11/2016

**REVIEW DATE:**

November 2017



<h1 style="margin: 0;">RISK ASSESSMENT</h1> <p style="margin: 0;">Rolling Operations Including Steel and Pneumatic Vibrating (Towed or Pedestrian)</p>		Ref: RO1																				
		Page 2 of 2																				
<b>ADDITIONAL CONTROL MEASURES:</b> (Review at workplace and add any additional specific controls required)																						
<p style="text-align: center;"><b>PERSONAL PROTECTIVE EQUIPMENT:</b></p> <p style="text-align: center;">The following PPE will be required for the work activities stated. Ensure the correct TYPE of PPE is selected.</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 15%;">Head Protection</td> <td style="width: 5%;">✓</td> <td style="width: 15%;">Eye/Face Protection</td> <td style="width: 5%;">✓</td> <td style="width: 15%;">Hearing Protection</td> <td style="width: 5%;">✓</td> <td style="width: 15%;">Hi-visibility Clothing</td> <td style="width: 5%;">✓</td> <td style="width: 15%;">Gloves</td> <td style="width: 5%;">✓</td> </tr> <tr> <td>Foot Protection</td> <td>✓</td> <td>Safety Clothing</td> <td>✓</td> <td>R.P.E.</td> <td>✓</td> <td>Fall Arrest (in MEWP)</td> <td></td> <td></td> <td></td> </tr> </table>			Head Protection	✓	Eye/Face Protection	✓	Hearing Protection	✓	Hi-visibility Clothing	✓	Gloves	✓	Foot Protection	✓	Safety Clothing	✓	R.P.E.	✓	Fall Arrest (in MEWP)			
Head Protection	✓	Eye/Face Protection	✓	Hearing Protection	✓	Hi-visibility Clothing	✓	Gloves	✓													
Foot Protection	✓	Safety Clothing	✓	R.P.E.	✓	Fall Arrest (in MEWP)																
<b>REVIEW AND MONITORING:</b> Review in light of further information becoming available or a change in conditions/circumstances.																						
<b>INFORMATION TO BE PROVIDED TO EMPLOYEES:</b> Information contained in this assessment.																						
<b>SIGNED BY ASSESSOR:</b>  <div style="text-align: center; font-weight: bold; font-style: italic;">C L Brown / J Sanders</div>	<b>DATE:</b>  <div style="text-align: center;">15/11/2016</div>	<b>REVIEW DATE:</b>  <div style="text-align: center;">November 2017</div>																				

[illegible]

# RISK ASSESSMENT

## Slinging of Loads

Ref: SL1

Page 2 of 2

**ADDITIONAL CONTROL MEASURES:** (Review at workplace and add any additional specific controls required)

### PERSONAL PROTECTIVE EQUIPMENT:

The following PPE will be required for the work activities stated. Ensure the correct TYPE of PPE is selected.

Head Protection	✓	Eye/Face Protection		Hearing Protection		Hi-visibility Clothing		Gloves	✓
Foot Protection	✓	Safety Clothing		R.P.E.		Fall Arrest (in MEWP)			

### REVIEW AND MONITORING:

Review in light of further information becoming available or a change in conditions/circumstances.

### INFORMATION TO BE PROVIDED TO EMPLOYEES:

Information contained in this assessment.  
Operator training.

**SIGNED BY ASSESSOR:**

*C L Brown / J Sanders*

**DATE:**

15/11/2016

**REVIEW DATE:**

November 2017

<h1 style="margin: 0;">RISK ASSESSMENT</h1> <p style="margin: 0;">Road Transport on Site</p>						Ref: RT1  Page 1 of 2													
<b>EMPLOYER:</b> Gary Fletcher (Surfacing) Limited																			
<b>LOCATION:</b> Gary Fletcher (Surfacing) Ltd, Generic Documentation																			
<b>ASSESSED BY:</b> C L Brown / J Sanders				<b>DESIGNATION:</b> External Safety Advisors															
<b>LEGEND:</b> Likelihood and Severity:- 1 = Low 2 = Medium 3 = High Risk Rating (L x S):- 1-4 = Low (Acceptable) 6 = Medium (Consider further controls) 9 = Unacceptable (Do not proceed)																			
<b>SIGNIFICANT HAZARDS IDENTIFIED:</b> Give a brief description of what could be reasonably expected to cause significant harm and how that harm may arise.						<b>RISK ASSESSMENT</b>													
						<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="3">UNCONTROLLED</th> <th colspan="3">CONTROLLED</th> </tr> <tr> <th>L</th> <th>S</th> <th>RR</th> <th>L</th> <th>S</th> <th>RR</th> </tr> </table>		UNCONTROLLED			CONTROLLED			L	S	RR	L	S	RR
UNCONTROLLED			CONTROLLED																
L	S	RR	L	S	RR														
Electrical short circuit caused by contact with overhead cables						2	3	6	1	3	3								
Vehicles overturning due to travelling across gradients, uneven ground, speeding, overloading, turning too sharply						3	3	9	1	3	3								
Serious injury or death caused by contact with moving vehicle						3	3	9	1	3	3								
Injury to operator or others caused by collision with other vehicles						2	3	6	1	3	3								
Injury to operator or others caused by collision with structures						2	3	6	1	3	3								
Overturning of vehicles or collapse of excavations caused by vehicles being too close to edge						2	3	6	1	3	3								
<b>PERSONS AT RISK</b>		<b>Y/N</b>	<b>DETAIL</b>																
EMPLOYEES		Y	Those involved in the activities and others in or near the work area																
CONTRACTORS		Y/N																	
MEMBERS OF PUBLIC		Y/N																	
OTHERS		Y/N																	
<b>CONTROL MEASURES:</b>																			
1.	Prior to commencement, the site must be surveyed and vehicle routes planned to avoid danger to pedestrians, contact with structures, contact with overhead power lines and clear of all excavations.																		
2.	Reversing of vehicles must be minimised.																		
3.	Suitable fencing must be provided around excavations. Where necessary, exclusion zones should be established to prevent the unintentional collapse of excavations caused by vehicles moving nearby.																		
4.	Barriers and notices must be erected under overhead power lines.																		
5.	Vehicle operating areas and traffic routes must be clearly signed and separated from pedestrian routes.																		
6.	Drivers must ensure loads are placed evenly in vehicles, which must not be overloaded.																		
7.	Tipping vehicles (including front loading dumpers) must not be driven with the tipping body raised.																		
8.	Visiting drivers must be brief on site rules and hazards.																		
9.	Vehicle marshalls must be used where drivers do not have clear unrestricted visibility.																		
10.	Vehicles must be fitted with adequate aids to provide all round vision and warning to others (e.g. CCTV, convex mirrors, audible reverse alarms, beacons, etc).																		
11.	Vehicles intended for use on the public highway must comply with current licensing requirements.																		
12.	Speed restrictions must be imposed on site and strictly enforced.																		
<i>Continued /</i>																			

# RISK ASSESSMENT

Road Transport on Site

Ref: RT1

Page 2 of 2

**ADDITIONAL CONTROL MEASURES:** (Review at workplace and add any additional specific controls required)

Mobile phones and iPods must never be used while driving a vehicle.

## PERSONAL PROTECTIVE EQUIPMENT:

The following PPE will be required for the work activities stated. Ensure the correct TYPE of PPE is selected.

Head Protection		Eye/Face Protection		Hearing Protection		Hi-visibility Clothing	✓	Gloves	
Foot Protection		Safety Clothing		R.P.E.		Fall Arrest			

## REVIEW AND MONITORING:

Review in light of further information becoming available or a change in conditions/circumstances.

## INFORMATION TO BE PROVIDED TO EMPLOYEES:

Information contained in this and other related assessments.

**SIGNED BY ASSESSOR:**

*C L Brown / J Sanders*

**DATE:**

15/11/2016

**REVIEW DATE:**

November 2017

<h1 style="margin: 0;">RISK ASSESSMENT</h1> <p style="margin: 0;">Ultraviolet (UV) Radiation</p>						Ref: UVR1  Page 1 of 2													
<b>EMPLOYER:</b> Gary Fletcher (Surfacing) Limited																			
<b>LOCATION:</b> Gary Fletcher (Surfacing) Ltd, Generic Documentation																			
<b>ASSESSED BY:</b> C L Brown / J Sanders				<b>DESIGNATION:</b> External Safety Advisors															
<b>LEGEND:</b> Likelihood and Severity:- 1 = Low 2 = Medium 3 = High Risk Rating (L x S):- 1-4 = Low (Acceptable) 6 = Medium (Consider further controls) 9 = Unacceptable (Do not proceed)																			
<b>SIGNIFICANT HAZARDS IDENTIFIED:</b> Give a brief description of what could be reasonably expected to cause significant harm and how that harm may arise.						<b>RISK ASSESSMENT</b>													
						<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="3">UNCONTROLLED</th> <th colspan="3">CONTROLLED</th> </tr> <tr> <th>L</th> <th>S</th> <th>RR</th> <th>L</th> <th>S</th> <th>RR</th> </tr> </table>		UNCONTROLLED			CONTROLLED			L	S	RR	L	S	RR
UNCONTROLLED			CONTROLLED																
L	S	RR	L	S	RR														
Sunburn, blistering, skin damage leading to skin ageing caused by exposure to ultraviolet radiation from the sun.						2   3   6   1   3   3													
Long term exposure could lead to skin cancer.						3   3   9   1   3   3													
Heat stress (overheating) and dehydration.						2   2   4   1   2   2													
<b>PERSONS AT RISK</b>		<b>Y/N</b>	<b>DETAIL</b>																
EMPLOYEES		Y	All employees working outdoors especially in summer months																
CONTRACTORS		Y/N																	
MEMBERS OF PUBLIC		Y/N																	
OTHERS		Y/N																	
<b>CONTROL MEASURES:</b>																			
1.	All persons are at risk when exposed to ultraviolet (UV) radiation from the sun, those persons with pale skin, fair or red hair, freckles or with a family history of cancer are most at risk of sun damage. Persons with brown or black skin are at a lower risk but people of all skin colours can suffer from overheating and dehydration.																		
2.	Keep your top on. Clothing forms a barrier to the sun's harmful rays - especially tightly woven fabrics.																		
3.	Wear a hat with a brim or flap that covers the back of the neck and ears - avoiding sunburn.																		
4.	Stay in the shade, whenever possible, especially at break times and lunchtime; remove your hat whilst in the shade allowing heat to escape.																		
5.	Use a high factor sunscreen of at least factor SPF 15 on exposed skin. Apply as directed on the product.																		
6.	Drink plenty of water to avoid dehydration.																		
9.	Check your skin regularly for unusual spots or moles which may have changed. See a doctor immediately if you see anything that is changed in shape, size, colour, itching or bleeding.																		
10.	If you are taking medication inform your GP that you work outdoors, as some medicines may make skin more sensitive to sunlight.																		
11.	Contact with some chemicals used at work, and contact with some plants may make skin more sensitive to sunlight. Ensure the correct personal protective equipment is worn.																		
<b>Continued /</b>																			



# RISK ASSESSMENT

Ultraviolet (UV) Radiation

Ref: UVR1

Page 2 of 2

**ADDITIONAL CONTROL MEASURES:** (Review at workplace and add any additional specific controls required)

## PERSONAL PROTECTIVE EQUIPMENT:

The following PPE will be required for the work activities stated. Ensure the correct TYPE of PPE is selected.

Head Protection		Eye/Face Protection		Hearing Protection		Hi-visibility Clothing		Gloves	
Foot Protection		Safety Clothing		R.P.E.		Sun Screen Protection	✓		

## REVIEW AND MONITORING:

Review in light of further information becoming available or a change in conditions/circumstances.

## INFORMATION TO BE PROVIDED TO EMPLOYEES:

Information contained in this assessment.

**SIGNED BY ASSESSOR:**

*C L Brown / J Sanders*

**DATE:**

15/11/2016

**REVIEW DATE:**

November 2017

<h1 style="margin: 0;">RISK ASSESSMENT</h1> <h2 style="margin: 0;">Underground Services</h2>						Ref: US1  Page 1 of 2													
<b>EMPLOYER:</b> Gary Fletcher (Surfacing) Limited																			
<b>LOCATION:</b> Gary Fletcher (Surfacing) Ltd, Generic Documentation																			
<b>ASSESSED BY:</b> C L Brown / J Sanders				<b>DESIGNATION:</b> External Safety Advisors															
<b>LEGEND:</b> Likelihood and Severity:- 1 = Low 2 = Medium 3 = High Risk Rating (L x S):- 1-4 = Low (Acceptable) 6 = Medium (Consider further controls) 9 = Unacceptable (Do not proceed)																			
<b>SIGNIFICANT HAZARDS IDENTIFIED:</b> Give a brief description of what could be reasonably expected to cause significant harm and how that harm may arise.						<b>RISK ASSESSMENT</b>													
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UNCONTROLLED			CONTROLLED																
L	S	RR	L	S	RR														
Fire, explosion and/or electrocution caused by contact with live conductor						3 3 9 1 3 3													
Fire, explosion and/or asphyxiation caused by fracturing gas line						3 3 9 1 3 3													
Flooding, caused by fracture of water main						3 2 6 1 2 2													
Biological hazards from untreated sewage						2 2 4 1 2 2													
<b>PERSONS AT RISK</b>		<b>Y/N</b>	<b>DETAIL</b>																
EMPLOYEES		Y	Operatives undertaking the activity																
CONTRACTORS		Y/N																	
MEMBERS OF PUBLIC		Y/N																	
OTHERS		Y/N																	
<b>CONTROL MEASURES:</b>																			
1.	Ensure that adequate planning of the work is carried out so as to avoid the need to excavate near live services wherever reasonably practicable.																		
2.	Full details of all underground services must be obtained (from the relevant authority, principal contractor or planning supervisor) before excavation work is permitted to commence.																		
3.	Details must include location, type and capacity of all services.																		
4.	Services must be located using a combination of reference to information and use of suitable detection equipment.																		
5.	All services must be clearly marked on the ground and drawings before excavations commence. The line and depth of services must be made clear.																		
6.	Trial holes must be dug by hand to confirm locations, taking into account physical indicators such as junction boxes, manholes, vents, etc.																		
7.	All services must be assumed live unless proven otherwise – written confirmation must be obtained and held on site.																		
8.	Excavators and hand held power tools must not be used within 0.5 metres of an exposed electric cable or gas pipe.																		
9.	Services which cross excavations must be supported to prevent damage.																		
10.	Unsupervised and lone working near live underground services is not permitted.																		
11.	Hand digging must be undertaken with a shovel, not a pick or pitchfork.																		
12.	Road pins must never be used within 1m of any service, free standing equipment is permissible.																		
<i>Continued /</i>																			

# RISK ASSESSMENT

## Underground Services

Ref: US1

Page 2 of 2

**ADDITIONAL CONTROL MEASURES:** (Review at workplace and add any additional specific controls required)

### PERSONAL PROTECTIVE EQUIPMENT:

The following PPE will be required for the work activities stated. Ensure the correct TYPE of PPE is selected.

Head Protection	✓	Eye/Face Protection		Hearing Protection		Hi-visibility Clothing		Gloves	✓
Foot Protection	✓	Safety Clothing		R.P.E.					

### REVIEW AND MONITORING:

Review in light of further information becoming available or a change in conditions/circumstances.

### INFORMATION TO BE PROVIDED TO EMPLOYEES:

Information contained in this assessment.  
Operator training.

**SIGNED BY ASSESSOR:**

*C L Brown / J Sanders*

**DATE:**

15/11/2016

**REVIEW DATE:**

November 2017

<b>RISK ASSESSMENT</b> Use of Vehicles							Ref: V1				
							Page 1 of 2				
<b>EMPLOYER:</b> Gary Fletcher (Surfacing) Limited											
<b>LOCATION:</b> Gary Fletcher (Surfacing) Ltd, Generic Documentation											
<b>ASSESSED BY:</b> C L Brown / J Sanders				<b>DESIGNATION:</b> External Safety Advisors							
<b>LEGEND:</b> Likelihood and Severity:- 1 = Low 2 = Medium 3 = High Risk Rating (L x S):- 1-4 = Low (Acceptable) 6 = Medium (Consider further controls) 9 = Unacceptable (Do not proceed)											
<b>SIGNIFICANT HAZARDS IDENTIFIED:</b> Give a brief description of what could be reasonably expected to cause significant harm and how that harm may arise.						<b>RISK ASSESSMENT</b>					
						<div style="display: flex; justify-content: space-around;"> <div>UNCONTROLLED</div> <div>CONTROLLED</div> </div>					
						L	S	RR	L	S	RR
Vehicles in collision with people/objects or structures causing possible injuries or death.						2	3	6	1	3	3
Vehicles overturning, resulting in crushing injuries or death						2	2	4	1	2	2
Unattended vehicles running out of control, resulting in severe injuries or death						2	2	4	1	2	2
<b>PERSONS AT RISK</b>		<b>Y/N</b>	<b>DETAIL</b>								
EMPLOYEES		Y	Operatives involved in the activity								
CONTRACTORS		Y	Contractors in the vicinity								
MEMBERS OF PUBLIC		Y	Persons within the vicinity								
OTHERS		Y/N									
<b>CONTROL MEASURES:</b>											
1.	Site access/egress traffic routes to be put in place to manage site traffic in addition to provision for turning.										
2.	Clear traffic routes to be established identifying sharp bends, blind corners, narrow gaps, overhead cables, steep gradients and excavations.										
3.	Operatives must have good visibility and where appropriate banksmen to be used.										
4.	Pedestrian and vehicular traffic to be kept segregated and adequate signage to be displayed.										
5.	Where necessary a one way system to be used.										
6.	Audible warning devices must be fitted to vehicles when reversing.										
7.	High risk areas are to be identified and trained banksmen wearing high visibility clothing are to be used.										
8.	All operatives must be fully trained and competent to operate vehicles.										
9.	Provision for adequate lighting levels to be made for poorly lit areas.										
10.	Temporary roads to be adequately prepared for use of site traffic.										
11.	Stop blocks to be in place where vehicles tip materials into excavations or load spoil.										
12.	Vehicles to be maintained in accordance with manufacturers guidelines.										
13.	Loads must not be exceeded and must be secured at times of moving.										
14.	Persons must not ride on any vehicles unless there is correct seating.										
15.	Vehicles must be driven in accordance with site conditions.										
16.	Unattended vehicles must be secured when not operating.										
17.	Crew cabs must be kept clean and orderly, sudden braking may cause items to move and injure passengers.										
18.	Safety rails are fitted to protect staff when they mount the rear of the vehicle these must always be in place										
<b>Continued /</b>											

# RISK ASSESSMENT

## Use of Vehicles

Ref: V1

Page 2 of 2

**ADDITIONAL CONTROL MEASURES:** (Review at workplace and add any additional specific controls required)

### Getting On And Off The Vehicle

- DO NOT jump down – this is bad for your knees and you are more likely to fall.
- Always use steps and handholds if provided.
- Take a few seconds to climb down from the cab, load area or catwalk facing the vehicle and use the handhold.
- Report missing or damaged equipment.
- Before stepping off the vehicle, check for uneven surfaces such as potholes or kerbs which may cause you to slip.
- Keeping your vehicle safe.
- Carry out pre-use checks on your vehicle. For example, check any steps or handholds are in good condition.
- Report broken boards and any other objects that could cause a fall.
- Keep the load area tidy – pick up loose ropes, packaging, etc.
- Clean up spills and dirt such as diesel or mud on the back or load area to stop people slipping in them.
- Wear well-fitting, slip-resistant safety footwear when working on vehicles.
- Keep the soles of your footwear clean to reduce the risk of slipping.
- Follow safe systems of work for loading and unloading vehicles.
- Make sure you have been trained in and follow the company's safe ways of working if you have to use equipment such as tail-lifts.
- Use safe ways of getting on or off the vehicle when carrying out maintenance above ground level.

### PERSONAL PROTECTIVE EQUIPMENT:

The following PPE will be required for the work activities stated. Ensure the correct TYPE of PPE is selected.

Head Protection	Eye/Face Protection	Hearing Protection	Hi-visibility Clothing	Gloves
Foot Protection	Safety Clothing	R.P.E.	Fall Arrest (in MEWP)	

### REVIEW AND MONITORING:

Review in light of further information becoming available or a change in conditions/circumstances.

### INFORMATION TO BE PROVIDED TO EMPLOYEES:

Information contained in this assessment.

**SIGNED BY ASSESSOR:**

*C L Brown / J Sanders*

**DATE:**

15/11/2016

**REVIEW DATE:**

November 2017

## Page 1 of 2



# RISK ASSESSMENT

Vibration

Ref: V2

Page 2 of 2

**ADDITIONAL CONTROL MEASURES:** (Review at workplace and add any additional specific controls required)

## PERSONAL PROTECTIVE EQUIPMENT:

The following PPE will be required for the work activities stated. Ensure the correct TYPE of PPE is selected.

Head Protection	✓	Eye/Face Protection	✓	Hearing Protection		Hi-visibility Clothing	✓	Gloves	
Foot Protection	✓	Safety Clothing		R.P.E.		Fall Arrest (in MEWP)			✓

## REVIEW AND MONITORING:

Review in light of further information becoming available or a change in conditions/circumstances.

## INFORMATION TO BE PROVIDED TO EMPLOYEES:

Information contained in this assessment.  
Toolbox talk

**SIGNED BY ASSESSOR:**

*C L Brown / J Sanders*

**DATE:**

15/11/2016

**REVIEW DATE:**

November 2017

<h1 style="margin: 0;">RISK ASSESSMENT</h1> <h2 style="margin: 0;">Paver Operations</h2>		Ref: PO1  Page 1 of 2												
<b>EMPLOYER:</b> Gary Fletcher (Surfacing) Limited														
<b>LOCATION:</b> Gary Fletcher (Surfacing) Ltd, Generic Documentation														
<b>ASSESSED BY:</b> C L Brown / J Sanders		<b>DESIGNATION:</b> External Safety Advisors												
<b>LEGEND:</b> Likelihood and Severity:- 1 = Low 2 = Medium 3 = High Risk Rating (L x S):- 1-4 = Low (Acceptable) 6 = Medium (Consider further controls) 9 = Unacceptable (Do not proceed)														
<b>SIGNIFICANT HAZARDS IDENTIFIED:</b> Give a brief description of what could be reasonably expected to cause significant harm and how that harm may arise.		<b>RISK ASSESSMENT</b>												
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UNCONTROLLED			CONTROLLED											
L	S	RR	L	S	RR									
Contact with moving plant or ancillary equipment		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 16.6%;">2</td> <td style="width: 16.6%;">3</td> <td style="width: 16.6%;">6</td> <td style="width: 16.6%;">1</td> <td style="width: 16.6%;">3</td> <td style="width: 16.6%;">3</td> </tr> </table>	2	3	6	1	3	3						
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Hot work		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 16.6%;">2</td> <td style="width: 16.6%;">3</td> <td style="width: 16.6%;">6</td> <td style="width: 16.6%;">1</td> <td style="width: 16.6%;">3</td> <td style="width: 16.6%;">3</td> </tr> </table>	2	3	6	1	3	3						
2	3	6	1	3	3									
Crushing injuries		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 16.6%;">2</td> <td style="width: 16.6%;">3</td> <td style="width: 16.6%;">6</td> <td style="width: 16.6%;">1</td> <td style="width: 16.6%;">3</td> <td style="width: 16.6%;">3</td> </tr> </table>	2	3	6	1	3	3						
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<b>PERSONS AT RISK</b>	<b>Y/N</b>	<b>DETAIL</b>												
EMPLOYEES	Y	Operatives using plant												
CONTRACTORS	Y/N	Working in close proximity												
MEMBERS OF PUBLIC	Y/N	Working on or close to the highway												
OTHERS	Y/N													
<b>CONTROL MEASURES:</b>														
1.	It is common to spray the operational parts of the machine which come into contact with asphalt before laying operations commence. This should be done before the screed heater is ignited.													
2.	Tools and equipment should be securely stowed and all platforms feed of obstructions, oil and grease ,before the machine is put into operation													
3.	It is essential that the machine operator													
4.	Ensures that nobody is standing on the deckline, in the hopper, on the side arms or on top of the screed before putting the machine in motion.													
5.	Never leave the controls while the machine is in motion Ensure the hopper is clean, except for working material before engaging the auger/conveyor switches or clutches.													
6.	On completion of work or when parking up ensure the machine does not cause an obstruction.													
7.	When working with the machine													
8.	Stand clear of the screed when it is been raised or lowered.													
9.	Stand clear of the hopper sides when they are been raised or lowered													
10.	Never touch or lean on the side arms when the machine is working.													
11.	Never enter the hopper when the engine is running.													
12.	Never stand in front of the hopper when a vehicle is reversing to discharge its load.													
13.	Insure that all lights are fully operation, flashing, spot lights, hazard warning/indicators													
14.	Audible revering devices must be operational at all times.													
15.	Wear clean PPE so that you can be seen by operators and drivers of vehicle and plant.													
16.	Keep clear of the front of the machine while it is in motion.													
<b>Continued /</b>														



# RISK ASSESSMENT

## Paver Operations

Ref: PO1

Page 2 of 2

**ADDITIONAL CONTROL MEASURES:** (Review at workplace and add any additional specific controls required)

- Ensure that there is a fire extinguisher close to hand when the machine is in operation.
- Burn treatment should be carried in the van first aid kit.
- Mobile phones and Ipods must never be used while operating and plant.

### PERSONAL PROTECTIVE EQUIPMENT:

The following PPE will be required for the work activities stated. Ensure the correct TYPE of PPE is selected.

Head Protection	✓	Eye/Face Protection	✓	Hearing Protection		Hi-visibility Clothing	✓	Gloves	✓
Foot Protection	✓	Safety Clothing		R.P.E.		Fall Arrest (in MEWP)			

### REVIEW AND MONITORING:

Review in light of further information becoming available or a change in conditions/circumstances.

### INFORMATION TO BE PROVIDED TO EMPLOYEES:

Information contained in this assessment.  
Toolbox talk

**SIGNED BY ASSESSOR:**

*C L Brown / J Sanders*

**DATE:**

15/11/2016

**REVIEW DATE:**

November 2017

<h1 style="margin: 0;">RISK ASSESSMENT</h1> <h2 style="margin: 0;">Loading Shovels</h2>		Ref: LS1												
Page 1 of 2														
<b>EMPLOYER:</b> Gary Fletcher (Surfacing) Limited														
<b>LOCATION:</b> Gary Fletcher (Surfacing) Ltd, Generic Documentation														
<b>ASSESSED BY:</b> C L Brown / J Sanders	<b>DESIGNATION:</b> External Safety Advisors													
<b>LEGEND:</b> Likelihood and Severity:- 1 = Low 2 = Medium 3 = High Risk Rating (L x S):- 1-4 = Low (Acceptable) 6 = Medium (Consider further controls) 9 = Unacceptable (Do not proceed)														
<b>SIGNIFICANT HAZARDS IDENTIFIED:</b> Give a brief description of what could be reasonably expected to cause significant harm and how that harm may arise.	<b>RISK ASSESSMENT</b>													
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="3">UNCONTROLLED</th> <th colspan="3">CONTROLLED</th> </tr> <tr> <th>L</th> <th>S</th> <th>RR</th> <th>L</th> <th>S</th> <th>RR</th> </tr> </table>		UNCONTROLLED			CONTROLLED			L	S	RR	L	S	RR
UNCONTROLLED			CONTROLLED											
L	S	RR	L	S	RR									
Contact with moving plant pedestrians etc	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 16.6%;">2</td> <td style="width: 16.6%;">3</td> <td style="width: 16.6%;">6</td> <td style="width: 16.6%;">1</td> <td style="width: 16.6%;">3</td> <td style="width: 16.6%;">3</td> </tr> </table>		2	3	6	1	3	3						
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Crushing injuries	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 16.6%;">2</td> <td style="width: 16.6%;">3</td> <td style="width: 16.6%;">6</td> <td style="width: 16.6%;">1</td> <td style="width: 16.6%;">3</td> <td style="width: 16.6%;">3</td> </tr> </table>		2	3	6	1	3	3						
2	3	6	1	3	3									
Loss of load	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 16.6%;">2</td> <td style="width: 16.6%;">3</td> <td style="width: 16.6%;">6</td> <td style="width: 16.6%;">1</td> <td style="width: 16.6%;">3</td> <td style="width: 16.6%;">3</td> </tr> </table>		2	3	6	1	3	3						
2	3	6	1	3	3									
Loss or failure of palletised materials	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 16.6%;"></td> <td style="width: 16.6%;"></td> <td style="width: 16.6%;"></td> <td style="width: 16.6%;"></td> <td style="width: 16.6%;"></td> <td style="width: 16.6%;"></td> </tr> </table>													
<b>PERSONS AT RISK</b>	<b>Y/N</b>	<b>DETAIL</b>												
EMPLOYEES	Y	Operatives using plant												
CONTRACTORS	Y/N	Working in close proximity												
MEMBERS OF PUBLIC	Y/N	Working on or close to the highway												
OTHERS	Y/N													
<b>CONTROL MEASURES:</b>														
1.	The loading shovel is a versatile machine the range of work it is capable of performing is equally wide and varied. In general all are fitted with a front loading bucket generally hydraulically controlled and used for the transportation of loose materials; variations also include adoptions where front forks are fitted for moving palletised materials.													
2.	Untrained operators are not permitted to operate these items of plant. Daily checks must be undertaken and any defect must be reported to the plant yard, driving defective plant is not acceptable for whatever reason.													
3.	On wheeled machines it is essential that the tyres are in good condition and correctly inflated, where the tyres are "hydroflated (containing Liquid) the machine can surge and bounce particularly when driven fast, the operator must be aware there are machine limitations under braking, cornering and acceleration.													
4.	To ensure adequate machine stability and operator visibility the bucket should be carried low while travelling.													
5.	The speed of travel should always be adjusted to suit site and job conditions.													
6.	Harsh braking should be avoided when the bucket is full.													
7.	When climbing steep inclines with a full bucket, travel should always be made with the bucket leading.													
8.	Loading shovels spend a significant amount of time reversing; operators must look to the rear before and during reversing the machine.													
9.	Coasting machines down inclines is bad practice and is not permitted.													
10.	Even with roll over protection it is company policy to wear the seat belt.													
11.	Loading vehicles or off loading materials on cross slopes is hazardous and is not permitted.													
12.	No person may approach a working shovel until they have signalled the operator and the operator has confirmed that it is safe to approach.													
13.	Mobile phones and Ipods must never be used while operating any plant.													
<b>Continued /</b>														

# RISK ASSESSMENT

Loading Shovels

Ref: LS1

Page 2 of 2

**ADDITIONAL CONTROL MEASURES:** (Review at workplace and add any additional specific controls required)

## PERSONAL PROTECTIVE EQUIPMENT:

The following PPE will be required for the work activities stated. Ensure the correct TYPE of PPE is selected.

Head Protection	✓	Eye/Face Protection	✓	Hearing Protection		Hi-visibility Clothing	✓	Gloves	✓
Foot Protection	✓	Safety Clothing		R.P.E.		Fall Arrest (in MEWP)			

## REVIEW AND MONITORING:

Review in light of further information becoming available or a change in conditions/circumstances.

## INFORMATION TO BE PROVIDED TO EMPLOYEES:

Information contained in this assessment.

Toolbox talk

**SIGNED BY ASSESSOR:**

*C L Brown / J Sanders*

**DATE:**

15/11/2016

**REVIEW DATE:**

November 2017



<h1 style="margin: 0;">RISK ASSESSMENT</h1> <p style="margin: 0;">Delivery and Collection of Waste Skips</p>						Ref: WS1	
Page 1 of 2							
<b>EMPLOYER:</b> Gary Fletcher (Surfacing) Limited							
<b>LOCATION:</b> Gary Fletcher (Surfacing) Ltd, Generic Documentation							
<b>ASSESSED BY:</b> C L Brown / J Sanders				<b>DESIGNATION:</b> External Safety Advisors			
<b>LEGEND:</b> Likelihood and Severity:- 1 = Low 2 = Medium 3 = High Risk Rating (L x S):- 1-4 = Low (Acceptable) 6 = Medium (Consider further controls) 9 = Unacceptable (Do not proceed)							
<b>SIGNIFICANT HAZARDS IDENTIFIED:</b> Give a brief description of what could be reasonably expected to cause significant harm and how that harm may arise.						<b>RISK ASSESSMENT</b>	
						<div style="display: flex; justify-content: space-around;"> <div>UNCONTROLLED</div> <div>CONTROLLED</div> </div>	
						<div style="display: flex; justify-content: space-around;"> <div>L</div> <div>S</div> <div>RR</div> <div>L</div> <div>S</div> <div>RR</div> </div>	
Failure during lifting operation						2 2 4 1 2 2	
Loss of load						3 3 9 2 2 4	
Falls at height						3 2 6 2 2 4	
Road traffic accident						3 3 9 2 2 4	
Breach of licence, or environmental procedure						3 2 6 2 2 4	
Disruption / inconvenience to others						2 2 4 1 2 2	
Loading and offloading						3 2 6 2 2 4	
<b>PERSONS AT RISK</b>	<b>Y/N</b>	<b>DETAIL</b>					
EMPLOYEES	Y	Delivery drivers					
CONTRACTORS	Y	Recipient of skip					
MEMBERS OF PUBLIC	Y	Location of delivery					
OTHERS	N						
<b>CONTROL MEASURES:</b>							
1.	Visually inspect the skip before delivery, ensure the base is in good order - no splits, excessive rust or defect/s to lifting points, check securing devices for tail gate on rear end loaders and front end loaders. Ensure company details are displayed. Report any defect before you move the equipment.						
2.	Drive within the guidelines laid down within the Road Traffic Act, do not drive over weight, at high speed or under the influence of drugs or alcohol.						
3.	Make sure your footwear is clean and in good repair, clean off any deposits on your access system cab steps, access ladders on skips, etc. Where no suitable access system is in place do not climb.						
4.	Ensure skips are delivered to a designated area, on a firm level base. Position skips 10 metres from buildings if possible but not less than 6 metres. Do not locate skips under a canopy, overhanging roof, trees or position against glazed or combustible constructions. Skips must not be positioned over fire hydrants, or obstruct fire exits or fire service access routes.						
5.	On construction sites, you are subject to site rules, which include traffic routes, park safely and seek out the site manager who will advise you of all the site rules and PPE requirements, hard hats are mandatory on all construction sites. Your lifting and winching equipment is designed for one operation only - the removal and delivery of skips.						
6.	Park safely and check the location of your delivery, ensure the terms and condition of the licence are being followed. Look for hazards such as drain covers, water run offs, schools, bus stops, etc. all areas where the public could be at risk or disrupted. Check for any overhead cables.						
7.	For REL open skips ensure that sheeting or safety net is installed while the skip is on the floor, not on the back of the vehicle. Check that loose and light materials are contained and cannot fall from the skip during transportation.						
8.	Check the skip before you load to ensure the content, i.e. no batteries or fridge freezers. Where you suspect the skip contains materials which breach the licensing agreement, contact your supervisor.						
9.	For skips to be placed on the highway a valid license will be required from the local authority, skips must be guarded and illuminated throughout the night as per the Highways Act 1980.						
Continued /							

<h2 style="margin: 0;">RISK ASSESSMENT</h2> <p style="margin: 0;">Delivery and Collection of Waste Skips</p>		Ref: WS1  Page 2 of 2																				
<p><b>ADDITIONAL CONTROL MEASURES:</b> (Review at workplace and add any additional specific controls required)</p> <p>Refer to company procedure for safe use of skip loaders.</p>																						
<p style="text-align: center;"><b>PERSONAL PROTECTIVE EQUIPMENT:</b></p> <p style="text-align: center;">The following PPE will be required for the work activities stated. Ensure the correct TYPE of PPE is selected.</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 25%;">Head Protection</td> <td style="width: 5%;">✓</td> <td style="width: 25%;">Eye/Face Protection</td> <td style="width: 5%;">✓</td> <td style="width: 25%;">Hearing Protection</td> <td style="width: 5%;">✓</td> <td style="width: 25%;">Hi-visibility Clothing</td> <td style="width: 5%;">✓</td> <td style="width: 25%;">Gloves</td> <td style="width: 5%;">✓</td> </tr> <tr> <td>Foot Protection</td> <td>✓</td> <td>Safety Clothing</td> <td>✓</td> <td>R.P.E.</td> <td>✓</td> <td>Fall Arrest (in MEWP)</td> <td>✓</td> <td></td> <td>✓</td> </tr> </table>			Head Protection	✓	Eye/Face Protection	✓	Hearing Protection	✓	Hi-visibility Clothing	✓	Gloves	✓	Foot Protection	✓	Safety Clothing	✓	R.P.E.	✓	Fall Arrest (in MEWP)	✓		✓
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<p><b>INFORMATION TO BE PROVIDED TO EMPLOYEES:</b></p> <p>Information contained in this assessment.          Information related to method statement if applicable.          Specific traffic routes if applicable          Additional PPE requirements          Delivery and collection times outside normal hours          Site induction.</p>																						
<p><b>SIGNED BY ASSESSOR:</b></p> <p style="text-align: center; font-size: 1.2em;"><i>C L Brown / J Sanders</i></p>	<p><b>DATE:</b></p> <p style="text-align: center;">15/11/2016</p>	<p><b>REVIEW DATE:</b></p> <p style="text-align: center;">November 2017</p>																				

<h1 style="margin: 0;">RISK ASSESSMENT</h1> <p style="margin: 0;">Operating The Draw Bar Combination Trailer</p>						Ref: DBCT1  Page 1 of 2													
<b>EMPLOYER:</b> Gary Fletcher (Surfacing) Limited																			
<b>LOCATION:</b> Gary Fletcher (Surfacing) Ltd, Generic Documentation																			
<b>ASSESSED BY:</b> C L Brown / J Sanders				<b>DESIGNATION:</b> External Safety Advisors															
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UNCONTROLLED			CONTROLLED																
L	S	RR	L	S	RR														
Movement of trailer during coupling and uncoupling operations						2 2 4 1 2 2													
Loss of trailer						3 3 9 1 3 3													
Road traffic accident						3 3 9 1 3 2													
Breach of local bylaws						3 2 6 1 2 2													
Disruption / inconvenience to others						2 2 4 1 2 2													
<b>PERSONS AT RISK</b>		<b>Y/N</b>	<b>DETAIL</b>																
EMPLOYEES		Y	Delivery drivers																
CONTRACTORS		Y	Recipient of plant																
MEMBERS OF PUBLIC		Y	Location of delivery																
OTHERS		N																	
<b>CONTROL MEASURES:</b>																			
1.	Do not give others the opportunity to take control of your vehicle, always apply the chassis parking brake, stop the engine and remove the keys before leaving the cab.																		
2.	Never pass, or allow others to pass between the chassis and trailer unless the towing pin is locked into the trailer eye, the combination is stationary, the chassis parking brake applied, the engine stopped and the keys removed.																		
3.	Never place fingers into the towing jaw.																		
4.	Always ensure that all safety devices are engaged.																		
5.	Never release the towing pin with the air and electrical services connected.																		
6.	Never connect the air and electrical services unless the towing pin is fully engaged.																		
7.	Never attempt to couple a centre axle trailer when the eye is above the centre line of the hitch.																		
8.	Never attempt to connect a hitch pin to a trailer eye of a different diameter.																		
9.	If the trailer is against a loading dock and the air suspension height is to be adjusted, pull the trailer forwards by 50mm and adjust the height before uncoupling.																		
10.	Do not attempt to uncouple a centre axle trailer unless it is equipped with prop legs.																		
11.	Do not uncouple a centre axle trailer with only a front prop leg unless you are sure that the weight of the load is in front of the axles.																		
12.	Do not attempt to pull away with the low air pressure warning buzzer sounding.																		
13.	Always allow the system to become fully charged.																		
14.	When reversing the combination be aware that if the towing beam makes contact with the side of the hitch or mounting plates damage may result.																		
15.	Never try to straighten a bent eye or towing beam by applying pressure in the opposite direction, as a catastrophic failure may result.																		
16.	The parking brake on the trailer has been applied when leaving the coupled vehicle for extended periods, e.g. overnight																		
<b>Continued /</b>																			

<h2 style="margin: 0;">RISK ASSESSMENT</h2> <p style="margin: 0;">Operating The Draw Bar Combination Trailer</p>		Ref: DBCT1  Page 2 of 2																				
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Head Protection	✓	Eye/Face Protection		Hearing Protection		Hi-visibility Clothing	✓	Gloves	✓													
Foot Protection	✓	Safety Clothing	✓	R.P.E.		Fall Arrest (in MEWP)																
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<p><b>SIGNED BY ASSESSOR:</b></p> <p style="text-align: center; margin-top: 20px;"><i>C L Brown / J Sanders</i></p>	<p><b>DATE:</b></p> <p style="text-align: center; margin-top: 20px;">15/11/2016</p>	<p><b>REVIEW DATE:</b></p> <p style="text-align: center; margin-top: 20px;">November 2017</p>																				

<h2 style="margin: 0;">RISK ASSESSMENT</h2> <p style="margin: 0;">Loading and Off Loading the Draw Bar Combination Trailer</p>						Ref: DBCT2					
Page 1 of 2											
EMPLOYER: Gary Fletcher (Surfacing) Limited											
LOCATION: Gary Fletcher (Surfacing) Ltd, Generic Documentation											
ASSESSED BY: C L Brown / J Sanders				DESIGNATION: External Safety Advisors							
<b>LEGEND:</b> Likelihood and Severity:- 1 = Low 2 = Medium 3 = High Risk Rating (L x S):- 1-4 = Low (Acceptable) 6 = Medium (Consider further controls) 9 = Unacceptable (Do not proceed)											
<b>SIGNIFICANT HAZARDS IDENTIFIED:</b> Give a brief description of what could be reasonably expected to cause significant harm and how that harm may arise.						<b>RISK ASSESSMENT</b>					
						UNCONTROLLED      CONTROLLED					
						L	S	RR	L	S	RR
Rolling off the trailer						2	2	4	1	2	2
Loss of load while in motion						3	3	9	1	3	3
Road traffic accident						3	3	9	1	3	2
Breach of local bylaws						3	2	6	1	2	2
Disruption / inconvenience to others						2	2	4	1	2	2
<b>PERSONS AT RISK</b>		<b>Y/N</b>	<b>DETAIL</b>								
EMPLOYEES		Y	Delivery drivers								
CONTRACTORS		Y	Recipient of plant								
MEMBERS OF PUBLIC		Y	Location of delivery								
OTHERS		N									
<b>CONTROL MEASURES:</b>											
1.	Ensure as the operator you are fit and have no under lying medical problems.										
2.	Ensure both towing vehicle and trailer is in good order and fit for purpose.										
3.	If loading plant ensure the item of plant is in good running order and is ready for use.										
4.	Check the loading platform and ramps to ensure they are in good order and not contaminated with mud or oil, slips trips and falls are a constant hazard.										
5.	Before setting off check with the local information services for road closures, traffic hold ups and weather conditions.										
6.	As a lone worker ensure your mobile phone is fully charged and is carried about your person, use the hand free system while driving but remember when you leave the cab to take it with you in case you get into difficulty.										
7.	Check with the site supervisor that on your arrival you will be able to unload in a safe manner and there are no major hazards such as offloading on a main road, poor access roads on site, occupied properties, you may have to request a banksman meets you on arrival to supervise the unloading.										
8.	Securing devices can work loose while the vehicle is travelling, take time out on a long journey to stop and check them.										
9.	Drive in accordance to the traffic conditions, weather conditions and the law.										
10.	Report all accidents even minor incidents or near misses.										
11.	Loading and off loading on the public highways carries significant risk to other road users, pedestrians, cyclists etc, in such circumstances try to undertake the operation out of peak periods, not during school arrival and leaving times. Always have the assistance of the banksmen over 18years of age.										
<i>Continued /</i>											



## Loading and Off Loading the Draw Bar Combination Trailer

Page 2 of 2

The following PPE will be required for the work activities stated. Ensure the correct TYPE of PPE is selected.

Head Protection	✓	Eye/Face Protection		Hearing Protection		Hi-visibility Clothing	✓	Gloves	✓
Foot Protection	✓	Safety Clothing	✓	R.P.E.		Fall Arrest (in MEWP)			

Review in light of further information becoming available or a change in conditions/circumstances.

Information contained in this assessment.  
Information related to method statement if applicable.  
Specific traffic routes if applicable  
Additional PPE requirements  
Delivery and collection times outside normal hours  
Site induction.

November 2017

<h1 style="margin: 0;">RISK ASSESSMENT</h1> <p style="margin: 0;">Planers</p>		Ref: P1  Page 1 of 2																																																						
<b>EMPLOYER:</b> Gary Fletcher (Surfacing) Limited																																																								
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L	S	RR	L	S	RR																																																			
2	2	4	1	2	2																																																			
3	3	9	1	3	3																																																			
3	3	9	1	3	2																																																			
3	2	6	1	2	2																																																			
<b>PERSONS AT RISK</b>	<b>Y/N</b>	<b>DETAIL</b>																																																						
EMPLOYEES	Y	Delivery drivers																																																						
CONTRACTORS	Y	Recipient of plant																																																						
MEMBERS OF PUBLIC	Y	Location of delivery																																																						
OTHERS	N																																																							
<b>CONTROL MEASURES:</b>																																																								
1.	The operation of planing is essentially the removal of old (worn) road surfaces to a controlled depth, producing screeds in a granular form which can be recovered and removed from the working site.																																																							
2.	It is essential that when operating a planer - clear warning is given when he intends to move the planer, or put it into operation.																																																							
3.	Ensure the way is clear of other persons, vehicles and equipment before putting the machine in motion.																																																							
4.	The operator never leaves the machine controls while the machine is in motion.																																																							
5.	The operator co-operates with the screw man, other machinery attendants and the drivers of vehicles removing the screeds from the loading-out conveyor, observes and conforms with traffic directional notices and signs, ensures that the doors enclosing the cutters are not opened except when, or until, the cutters are stationary and the engine stopped.																																																							
6.	It is essential that screw men and attendants:																																																							
7.	Co-operate with the machine operator and act on any warning or instruction he may give, do not walk under the loading out conveyor whilst the machine is working and discharging into a vehicle																																																							
8.	When passing from one side of the machine to the other, pass always in front of the machine																																																							
9.	Keep their feet clear of the machine while it is planing, particularly at the rear of the drum box																																																							
10.	Wear safety helmets, hearing protection, supervise drivers reversing their vehicles to below the loading-out conveyor																																																							
11.	Are alert at all times to traffic flow																																																							
12.	Use cones or markers when necessary to preserve a safe working place,																																																							
13.	Never remove any machine guard or cover plate unless under the direct instruction of the machine operator.																																																							
14.	Noise is a major risk during planing operations a noise protection zone should be established on site where the machine is operating.																																																							
<i>Continued /</i>																																																								

<h1 style="margin: 0;">RISK ASSESSMENT</h1> <p style="margin: 0;">Planers</p>		Ref: P1  Page 2 of 2																				
<p><b>ADDITIONAL CONTROL MEASURES:</b> (Review at workplace and add any additional specific controls required)</p>          																						
<p style="text-align: center;"><b>PERSONAL PROTECTIVE EQUIPMENT:</b></p> <p style="text-align: center;">The following PPE will be required for the work activities stated. Ensure the correct TYPE of PPE is selected.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Head Protection</td> <td style="width: 5%; text-align: center;">✓</td> <td style="width: 25%;">Eye/Face Protection</td> <td style="width: 5%; text-align: center;"></td> <td style="width: 25%;">Hearing Protection</td> <td style="width: 5%; text-align: center;"></td> <td style="width: 25%;">Hi-visibility Clothing</td> <td style="width: 5%; text-align: center;">✓</td> <td style="width: 25%;">Gloves</td> <td style="width: 5%; text-align: center;">✓</td> </tr> <tr> <td>Foot Protection</td> <td style="text-align: center;">✓</td> <td>Safety Clothing</td> <td style="text-align: center;">✓</td> <td>R.P.E.</td> <td style="text-align: center;"></td> <td>Fall Arrest (in MEWP)</td> <td style="text-align: center;"></td> <td></td> <td style="text-align: center;"></td> </tr> </table>			Head Protection	✓	Eye/Face Protection		Hearing Protection		Hi-visibility Clothing	✓	Gloves	✓	Foot Protection	✓	Safety Clothing	✓	R.P.E.		Fall Arrest (in MEWP)			
Head Protection	✓	Eye/Face Protection		Hearing Protection		Hi-visibility Clothing	✓	Gloves	✓													
Foot Protection	✓	Safety Clothing	✓	R.P.E.		Fall Arrest (in MEWP)																
<p><b>REVIEW AND MONITORING:</b></p> <p>Review in light of further information becoming available or a change in conditions/circumstances.</p>          																						
<p><b>INFORMATION TO BE PROVIDED TO EMPLOYEES:</b></p> <p>Information contained in this assessment.</p> <p>Information related to method statement if applicable.</p> <p>Specific traffic routes if applicable</p> <p>Additional PPE requirements</p> <p>Delivery and collection times outside normal hours</p> <p>Site induction.</p>          																						
<p><b>SIGNED BY ASSESSOR:</b></p> <p style="text-align: center; font-size: 1.2em;"><i>C L Brown / J Sanders</i></p>	<p><b>DATE:</b></p> <p style="text-align: center;">15/11/2016</p>	<p><b>REVIEW DATE:</b></p> <p style="text-align: center;">November 2017</p>																				



<h1 style="margin: 0;">RISK ASSESSMENT</h1> <p style="margin: 0;">Cleaning Tools - Contaminated With Tarmac Using Bio Degradable Diesel</p>		Ref: CT1  Page 2 of 2																				
<p><b>ADDITIONAL CONTROL MEASURES:</b> (Review at workplace and add any additional specific controls required)</p>          																						
<p style="text-align: center;"><b>PERSONAL PROTECTIVE EQUIPMENT:</b></p> <p style="text-align: center;">The following PPE will be required for the work activities stated. Ensure the correct TYPE of PPE is selected.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Head Protection</td> <td style="width: 5%;"></td> <td style="width: 25%;">Eye/Face Protection</td> <td style="width: 5%; text-align: center;">✓</td> <td style="width: 25%;">Hearing Protection</td> <td style="width: 5%;"></td> <td style="width: 25%;">Hi-visibility Clothing</td> <td style="width: 5%;"></td> <td style="width: 25%;">Gloves</td> <td style="width: 5%; text-align: center;">✓</td> </tr> <tr> <td>Foot Protection</td> <td></td> <td>Safety Clothing</td> <td></td> <td>R.P.E.</td> <td></td> <td>Fall Arrest (in MEWP)</td> <td></td> <td></td> <td></td> </tr> </table>			Head Protection		Eye/Face Protection	✓	Hearing Protection		Hi-visibility Clothing		Gloves	✓	Foot Protection		Safety Clothing		R.P.E.		Fall Arrest (in MEWP)			
Head Protection		Eye/Face Protection	✓	Hearing Protection		Hi-visibility Clothing		Gloves	✓													
Foot Protection		Safety Clothing		R.P.E.		Fall Arrest (in MEWP)																
<p><b>REVIEW AND MONITORING:</b></p> <p>Review in light of further information becoming available or a change in conditions/circumstances.</p>          																						
<p><b>INFORMATION TO BE PROVIDED TO EMPLOYEES:</b></p> <p>Information contained in this assessment. Fire safety training. Emergency procedures.</p>          																						
<p><b>SIGNED BY ASSESSOR:</b></p> <p style="text-align: center; font-size: 1.2em;"><i>C L Brown / J Sanders</i></p>	<p><b>DATE:</b></p> <p style="text-align: center;">15/11/2016</p>	<p><b>REVIEW DATE:</b></p> <p style="text-align: center;">November 2017</p>																				



# RISK ASSESSMENT

Removing and Replacing Ironworks

Ref: IW1

Page 2 of 2

**ADDITIONAL CONTROL MEASURES:** (Review at workplace and add any additional specific controls required)

## PERSONAL PROTECTIVE EQUIPMENT:

The following PPE will be required for the work activities stated. Ensure the correct TYPE of PPE is selected.

Head Protection	✓	Eye/Face Protection	✓	Hearing Protection	✓	Hi-visibility Clothing	✓	Gloves	✓
Foot Protection	✓	Safety Clothing	✓	R.P.E.	✓	Fall Arrest (in MEWP)			

## REVIEW AND MONITORING:

Review in light of further information becoming available or a change in conditions/circumstances.

## INFORMATION TO BE PROVIDED TO EMPLOYEES:

Information contained in this assessment.

**SIGNED BY ASSESSOR:**

*C L Brown / J Sanders*

**DATE:**

15/11/2016

**REVIEW DATE:**

November 2017

<h1 style="margin: 0;">RISK ASSESSMENT</h1> <h2 style="margin: 0;">Compressor (Trackaire Machines)</h2>		Ref: CTM1												
Page 2 of 2														
<b>EMPLOYER:</b> Gary Fletcher (Surfacing) Limited														
<b>LOCATION:</b> Gary Fletcher (Surfacing) Ltd, Generic Documentation														
<b>ASSESSED BY:</b> C L Brown / J Sanders	<b>DESIGNATION:</b> External Safety Advisors													
<b>LEGEND:</b> Likelihood and Severity:- 1 = Low 2 = Medium 3 = High Risk Rating (L x S):- 1-4 = Low (Acceptable) 6 = Medium (Consider further controls) 9 = Unacceptable (Do not proceed)														
<b>SIGNIFICANT HAZARDS IDENTIFIED:</b> Give a brief description of what could be reasonably expected to cause significant harm and how that harm may arise.	<b>RISK ASSESSMENT</b>													
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="3">UNCONTROLLED</th> <th colspan="3">CONTROLLED</th> </tr> <tr> <th>L</th> <th>S</th> <th>RR</th> <th>L</th> <th>S</th> <th>RR</th> </tr> </table>		UNCONTROLLED			CONTROLLED			L	S	RR	L	S	RR
UNCONTROLLED			CONTROLLED											
L	S	RR	L	S	RR									
Blow off causing whip back	2	3	6	1	3	3								
Over tight connections	2	3	6	1	3	3								
Lack of efficient lubricator and filter	2	3	6	1	3	3								
Oil mist from tools	2	3	6	1	3	3								
Damaged retaining springs	2	3	6	1	3	3								
Blunt cutting edges	2	3	6	1	3	3								
Damage caused by third parties and misuse	2	3	6	1	3	3								
Vibration and Noise Hazard (Sullair)	2	3	6	1	3	3								
<b>PERSONS AT RISK</b>	<b>Y/N</b>	<b>DETAIL</b>												
EMPLOYEES	Y	Operatives using the equipment												
CONTRACTORS	Y	Other trades/operatives working within the vicinity												
MEMBERS OF PUBLIC	Y	Working on the public highway												
OTHERS														
<b>CONTROL MEASURES:</b>														
1.	All connections must be properly clamped, restrain connectors should be in place or as an alternative double lock couplers.													
2.	Over tight connections causing unnecessary leaks.													
3.	Lack of efficient lubricator and filter - air tools require clean air and a lubricator, if a fault develops the main air supply should be shut off and the air cleared before any investigation takes place otherwise a disconnected coupling may snake off and cause injury.													
4.	Retaining springs - when not securely in position will allow the point to drop and fall out leading to possible foot injuries.													
5.	Oil mist from tools may cause offensive atmospheres, when working in confined spaces such as deep trenches, tunnels or headings, good ventilation is essential.													
6.	Blunt cutting edges, skid off in all directions and can cause injury to the operator.													
7.	Ensure that the working location is adequately fenced off to prevent unauthorised access by others at all times, banksmen should be employed in built up areas and warnings posted to stay clear.													
8.	Sullair breaker/chipping hammer has a vibration magnitude of 3.25 the maximum usage time for this tool is 4 hours and 46 minutes in an 8 hour working day. The noise rating over the vibration magnitude exceeds 85dB (A) so ear protection must be worn at all times.													
9.	Operatives must ensure they have read and understood the manufacturer's guidance for use of the Trackaire machine.													
<i>Continued /</i>														



# RISK ASSESSMENT

Compressor (Trackaire Machines)

Ref: CTM1

Page 2 of 2

**ADDITIONAL CONTROL MEASURES:** (Review at workplace and add any additional specific controls required)

## PERSONAL PROTECTIVE EQUIPMENT:

The following PPE will be required for the work activities stated. Ensure the correct TYPE of PPE is selected.

Head Protection	✓	Eye/Face Protection	✓	Hearing Protection	✓	Hi-visibility Clothing	✓	Gloves	✓
Foot Protection	✓	Safety Clothing	✓	R.P.E.	✓	Fall Arrest (in MEWP)			

## REVIEW AND MONITORING:

Review in light of further information becoming available or a change in conditions/circumstances.

## INFORMATION TO BE PROVIDED TO EMPLOYEES:

Information contained in this assessment.

**SIGNED BY ASSESSOR:**

*C L Brown / J Sanders*

**DATE:**

15/11/2016

**REVIEW DATE:**

November 2017

[illegible]

<h2 style="margin: 0;">RISK ASSESSMENT</h2> <h3 style="margin: 0;">Tarmacadam Laying</h3>		Ref: TL1  Page 2 of 2																				
<p><b>ADDITIONAL CONTROL MEASURES:</b> (Review at workplace and add any additional specific controls required)</p>          																						
<p style="text-align: center;"><b>PERSONAL PROTECTIVE EQUIPMENT:</b></p> <p style="text-align: center;">The following PPE will be required for the work activities stated. Ensure the correct TYPE of PPE is selected.</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 25%;">Head Protection</td> <td style="width: 5%;">✓</td> <td style="width: 25%;">Eye/Face Protection</td> <td style="width: 5%;">✓</td> <td style="width: 25%;">Hearing Protection</td> <td style="width: 5%;">✓</td> <td style="width: 25%;">Hi-visibility Clothing</td> <td style="width: 5%;">✓</td> <td style="width: 25%;">Gloves</td> <td style="width: 5%;">✓</td> </tr> <tr> <td>Foot Protection</td> <td>✓</td> <td>Safety Clothing</td> <td>✓</td> <td>R.P.E.</td> <td>✓</td> <td>Fall Arrest</td> <td></td> <td></td> <td></td> </tr> </table>			Head Protection	✓	Eye/Face Protection	✓	Hearing Protection	✓	Hi-visibility Clothing	✓	Gloves	✓	Foot Protection	✓	Safety Clothing	✓	R.P.E.	✓	Fall Arrest			
Head Protection	✓	Eye/Face Protection	✓	Hearing Protection	✓	Hi-visibility Clothing	✓	Gloves	✓													
Foot Protection	✓	Safety Clothing	✓	R.P.E.	✓	Fall Arrest																
<p><b>REVIEW AND MONITORING:</b></p> <p>Review in light of further information becoming available or a change in conditions/circumstances.</p>          																						
<p><b>INFORMATION TO BE PROVIDED TO EMPLOYEES:</b></p> <p>Information contained in this assessment.          COSHH Sheet          Manual Handling training.          Training in the correct use of PPE equipment.</p>          																						
<p><b>SIGNED BY ASSESSOR:</b></p> <p style="text-align: center; font-size: 1.2em;"><i>C L Brown / J Sanders</i></p>	<p><b>DATE:</b></p> <p style="text-align: center;">15/11/2016</p>	<p><b>REVIEW DATE:</b></p> <p style="text-align: center;">November 2017</p>																				

<h1 style="margin: 0;">RISK ASSESSMENT</h1> <h2 style="margin: 0;">Diesel Static Hot Box</h2>				Ref: DSHB01													
Page 1 of 2																	
<b>EMPLOYER:</b> Gary Fletcher Surfacing Ltd																	
<b>LOCATION:</b> Gary Fletcher (Surfacing) Ltd, Generic Documentation																	
<b>ASSESSED BY:</b> C L Brown / J Sanders			<b>DESIGNATION:</b> External Safety Advisors														
<b>LEGEND:</b> Likelihood and Severity:- 1 = Low 2 = Medium 3 = High Risk Rating (L x S):- 1-4 = Low (Acceptable) 6 = Medium (Consider further controls) 9 = Unacceptable (Do not proceed)																	
<b>SIGNIFICANT HAZARDS IDENTIFIED:</b> Give a brief description of what could be reasonably expected to cause significant harm and how that harm may arise.				<b>RISK ASSESSMENT</b>													
				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="3">UNCONTROLLED</th> <th colspan="3">CONTROLLED</th> </tr> <tr> <th>L</th> <th>S</th> <th>RR</th> <th>L</th> <th>S</th> <th>RR</th> </tr> </table>		UNCONTROLLED			CONTROLLED			L	S	RR	L	S	RR
UNCONTROLLED			CONTROLLED														
L	S	RR	L	S	RR												
Burns				3 3 9 1 3 3													
Toxic Fumes (inhalation)				3 3 9 1 3 3													
Fire Explosion				3 3 9 1 3 3													
Electric Shock				3 3 9 1 3 3													
Traffic Incident				3 3 9 1 3 3													
<b>PERSONS AT RISK</b>	<b>Y/N</b>	<b>DETAIL</b>															
EMPLOYEES	Y	Operatives working in the vicinity															
CONTRACTORS	Y	Other contractors															
MEMBERS OF PUBLIC	Y	Persons visiting															
OTHERS	Y/N																
<b>CONTROL MEASURES:</b>																	
1.	Ensure the user guide is available on site and available to all parties requiring a copy.																
2.	The hot box must be sited on a 150mm concrete plinth, suitable ramps must be installed for vehicular access to the hot box.																
3.	Box to be suitably fixed down with the use of angle irons to prevent movement if hit by vehicle.																
4.	The burners, winch, control box and fan are all housed within a steel cabinet to prevent unauthorised access, prevent vandalism and general weather protection. Only the supervisor will be permitted to access into this area.																
5.	An electric 30amp 240v feed will be required this must be installed by a qualified electrician.																
6.	The fuel gauge is only an approximate level - for an accurate reading dipping practices should be undertaken.																
7.	All operatives on site to be made aware of the control panel location and the emergency shutdown control, and how to disable the hot box.																
8.	Only operate the machine once all the installation procedures have been completed as described within the user guide.																
9.	Temperature control MUST be carried out by a COMPETENT, QUALIFIED PERSON. (see user guide for operation).																
10.	NEVER REMAIN IN THE HOT BOX UNLESS THE LIDS AND DOOR ARE FULLY OPEN! Carbon filled gases will cause suffocation.																
11.	All operatives entering the hotbox must wear the appropriate PPE- Hard hat, High visibility vest, gloves, heavy duty safety footwear.																
12.	Maintenance checks to be undertaken (see section 5.0 of the user guide).																
13.	Hot box operates between 120-180 degrees Celsius. Hot box to be fenced off preventing persons being able to touch the box when in operation. Hot box operates with steel inner hopper (heated) with 10mm floors. And 4mm sides which will conduct the heat over time.																
14.	Only use the hot box in accordance with the instructions provided by the supplier and only in safe operating conditions																
15.	Persons accessing into or coming into contact with the burner must wear suitable PPE to prevent the risk of injury or burns.																
16.	Make sure all safety instructions and signs are clearly visible and always check equipment before use, for any defects, malfunctions that could jeopardise safety of you or others.																
17.	Never adjust or modify the equipment in any way which could affect the safety of the equipment and anybody nearby.																
18.	Any maintenance work must be supervised and only undertaken by competent persons with the necessary skills.																

<h1 style="margin: 0;">RISK ASSESSMENT</h1> <h2 style="margin: 0;">Diesel Static Hot Box</h2>		Ref: DSHB01  Page 2 of 2							
<b>CONTROL MEASURES: Continued /</b>									
19	The hot box must only be operated by persons who have been instructed and are familiar with its operation. To ensure safe use of the equipment, it is vital that all operators are fully aware of and understand the instructions								
20	When performing any form of maintenance to the machine, ensure that the equipment is isolated from its power sources. Always supply warning signs clearly so that no one uses the machine. Also should there be any maintenance works that involves the removal of safety guards, ensure that they are thoroughly checked before the machine is put back in use.								
21	Do not touch hot surfaces of put hands near the chimney or gas exhaust outlets								
22	Never block or obstruct the chimneys/exhaust gas outlet, or secondary air intakes								
23	When maintenance work is required wait for the hot box to cool after use, never attempt to climb inside during operation or if the burners have been in use. Always enter via the front door when safe to enter.								
24	NEVER FUEL THE INTERGRATED FUEL TANK WHEN THE HOT BOX IS OPERATIONAL AND RUNNING. ALWAYS TURN THE POWER SUPPLY OFF AND ISOLATE FIRST.								
25	Always guide delivery vehicles to the hot box under the supervision of a banksman								
26	Prevent pedestrian access around the opening of the hot box, and enclose with fence panels when not in use								
<b>ADDITIONAL CONTROL MEASURES:</b> (Review at workplace and add any additional specific controls required)									
<b>EMERGENCY PROCEDURE</b>  TURN OFF ALL FUEL AND ELECTRICAL SUPPLIES CONNECTED TO THE MACHINE  CALL THE EMERGENCY SERVICES IF REQUIERD  THE COMPRESSOR MUST ONLY BE STARTED AND STOPPED BY USING THE RED PUSH/PULL BUTTON ON TOP OF THE COPRESSOR AS THIS AUTOMATICALLY UNLOADS THE CYLINDER HEADS OF PRESSURE IN ORDER TO FACILITATE EASY RESTARTING OF THE MOTOR									
<b>PERSONAL PROTECTIVE EQUIPMENT:</b>									
The following PPE will be required for the work activities stated. Ensure the correct TYPE of PPE is selected.									
Head Protection	✓	Eye/Face Protection	✓	Hearing Protection	✓	Hi-visibility Clothing	✓	Gloves	
Foot Protection	✓	Safety Clothing		R.P.E.		Fall Arrest (in MEWP)			
<b>REVIEW AND MONITORING:</b> Review in light of further information becoming available or a change in conditions/circumstances.									
<b>INFORMATION TO BE PROVIDED TO EMPLOYEES:</b> Information contained in this assessment.									
<b>SIGNED BY ASSESSOR:</b>  <div style="text-align: center; font-weight: bold; font-size: 1.2em;">C L Brown / J Sanders</div>					<b>DATE:</b>  15/11/2016		<b>REVIEW DATE:</b>  November 2017		



<b>RISK ASSESSMENT</b>				Ref: B001													
Bitumen Emulsion Spraying (Tack Coat)				Page 1 of 1													
<b>EMPLOYER:</b> Gary Fletcher (Surfacing) Limited																	
<b>LOCATION:</b> Gary Fletcher (Surfacing) Ltd, Generic Documentation																	
<b>ASSESSED BY:</b> C L Brown / J Sanders			<b>DESIGNATION:</b> External Safety Advisors														
<b>LEGEND:</b> Likelihood and Severity:- 1 = Low 2 = Medium 3 = High Risk Rating (L x S):- 1-4 = Low (Acceptable) 6 = Medium (Consider further controls) 9 = Unacceptable (Do not proceed)																	
<b>SIGNIFICANT HAZARDS IDENTIFIED:</b> Give a brief description of what could be reasonably expected to cause significant harm and how that harm may arise.				<b>RISK ASSESSMENT</b>													
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UNCONTROLLED			CONTROLLED														
L	S	RR	L	S	RR												
Manual handling of tack coat drums				2 3 6 1 1 2													
Struck by run-away sprayer				2 2 4 1 2 2													
Pedestrians sprayed with tack coat				2 3 6 2 2 4													
Slips, trips and falls				2 3 6 1 2 2													
Weather conditions				2 2 4 1 1 1													
Health effects of hazardous substances				2 3 6 1 2 2													
<b>PERSONS AT RISK</b>	<b>Y/N</b>	<b>DETAIL</b>															
EMPLOYEES	Y	Operatives engaged in the activity															
CONTRACTORS	Y	All personnel within the vicinity															
MEMBERS OF PUBLIC	Y	General public															
OTHERS	Y/N																
<b>PERSONAL PROTECTIVE EQUIPMENT:</b> The following PPE will be required for the work activities stated. Ensure the correct TYPE of PPE is selected.																	
Head Protection	✓	Eye/Face Protection	✓	Hearing Protection	✓	Hi-visibility Clothing	✓	Gloves	✓								
Foot Protection	✓	Safety Clothing	✓	R.P.E.	✓	Fall Arrest (in MEWP)											
<b>CONTROL MEASURES:</b> This is a LOW risk operation providing all control measures are in place.																	
1.	All operatives must wear the appropriate personal protective equipment.																
2.	The lance should be held at a low level to prevent over spray.																
3.	Machinery must be inspected and well maintained, and the correct hose and fittings must be used.																
4.	The operator must be trained and competent in the operation of the machinery.																
5.	Towing of the sprayer shall only be done using the correct towing eye and pin and the speed minimised.																
6.	The safe system of work on tack coat spraying operations and towing of tack coat sprayer must be adhered to.																
7.	All operatives must be trained in manual handling.																
8.	Bitumen Emulsion (tack coat) must be stored in a safe location away from watercourses and drains, etc. Spill kits should be available when storing and using Bitumen emulsion on site.																
9.	Mechanical lifting aids should be used wherever possible for 45-gallon drums.																
<b>Remember: Always check in your safety manual for Company safety procedures and systems of work.</b> <b>Refer to other assessments for activities connected with this assessment.</b>																	
<b>ADDITIONAL CONTROL MEASURES:</b> (Review at workplace and add any additional specific controls required) None at this time of review																	
<b>REVIEW AND MONITORING:</b> Review in light of further information becoming available or a change in conditions /circumstances.																	
<b>INFORMATION TO BE PROVIDED TO EMPLOYEES:</b> Information contained in this assessment, COSHH Assessments																	
<b>SIGNED BY ASSESSOR:</b>  <div style="text-align: center; font-weight: bold; font-size: 1.2em;">C L Brown / J Sanders</div>					<b>DATE:</b>  <div style="text-align: center;">15/11/2016</div>		<b>REVIEW DATE:</b>  <div style="text-align: center;">November 2017</div>										

**RISK ASSESSMENT****Hot Work**

Ref: H004

Page 1 of 1

**EMPLOYER:** Gary Fletcher (Surfacing) Limited**LOCATION:** Gary Fletcher (Surfacing) Ltd, Generic Documentation**ASSESSED BY:** C L Brown / J Sanders**DESIGNATION:** External Safety Advisors**LEGEND:** Likelihood and Severity:- 1 = Low 2 = Medium 3 = High

Risk Rating (L x S):- 1-4 = Low (Acceptable) 6 = Medium (Consider further controls) 9 = Unacceptable (Do not proceed)

**SIGNIFICANT HAZARDS IDENTIFIED:**

Give a brief description of what could be reasonably expected to cause significant harm and how that harm may arise.

**RISK ASSESSMENT****UNCONTROLLED****CONTROLLED**

L S RR L S RR

Fire and explosion

2 3 6 1 2 2

Creation of noxious fumes

2 3 6 1 3 3

Injury to persons caused by contact with hot object

2 2 4 1 1 1

**PERSONS AT RISK:** Employees involved in the activity.**PERSONAL PROTECTIVE EQUIPMENT:**

The following PPE will be required for the work activities stated. Ensure the correct TYPE of PPE is selected.

Head Protection	✓	Eye/Face Protection	✓	Hearing Protection		Hi-visibility Clothing	✓	Gloves	✓
Foot Protection	✓	Safety Clothing		R.P.E.	✓	Fall Arrest			

**CONTROL MEASURES:** This is a LOW risk operation providing all control measures are in place

1. A pre-start inspection of the workplace must be carried out, taking into account :-
  - location of work
  - fire safety and prevention procedures
  - material to be worked
  - available ventilation
  - other works in progress in and around the work area
  - access and egress
2. For work in areas with higher than usual risk of fire & for work in confined spaces or with poor ventilation, a permit-to-work system must be introduced.
3. Screens and fire blankets must be made available to protect persons and flammable materials from sparks and heat.
4. Where natural ventilation is poor, local exhaust ventilation may be necessary.
5. Display warning notices to inform others of the work in progress.
6. All equipment must be thoroughly checked before each use.
7. All hot work must cease one hour before end of shift and 30 minute and 60 minute fire checks carried out.
8. Fire sentries must be posted where there is a risk of fire or heat transfer to adjacent areas.
9. A more detailed assessment must be carried out if the work is to take place where flammable or explosive substances are present.
10. Site specific fire risk assessments must be carried out for all workplaces.
11. Practice good housekeeping – do not allow waste to accumulate.
12. Ensure correct PPE is available and used.

**Remember:** Always check in your safety manual for Company safety procedures and systems of work. Refer to other assessments for activities connected with this assessment.**ADDITIONAL CONTROL MEASURES:** (Review at workplace and add any additional specific controls required) None at this time of review**REVIEW AND MONITORING:** Review in light of further information becoming available or a change in conditions/circumstances. 30 and 60 minute fire checks required.**INFORMATION TO BE PROVIDED TO EMPLOYEES:** Information contained in this assessment. Operator training.**SIGNED BY ASSESSOR:***C L Brown / J Sanders***DATE:**

15/11/2016

**REVIEW DATE:**

November 2017



<h1 style="margin: 0;">RISK ASSESSMENT</h1> <h2 style="margin: 0;">Bitumen Works (Hot)</h2>						Ref: B002													
EMPLOYER: Gary Fletcher (Surfacing) Limited																			
LOCATION: Gary Fletcher (Surfacing) Ltd, Generic Documentation																			
ASSESSED BY: C L Brown / J Sanders				DESIGNATION: External Safety Advisors															
<b>LEGEND:</b> Likelihood and Severity:- 1 = Low 2 = Medium 3 = High Risk Rating (L x S):- 1-4 = Low (Acceptable) 6 = Medium (Consider further controls) 9 = Unacceptable (Do not proceed)																			
<b>SIGNIFICANT HAZARDS IDENTIFIED:</b> Give a brief description of what could be reasonably expected to cause significant harm and how that harm may arise.						<b>RISK ASSESSMENT</b>													
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UNCONTROLLED			CONTROLLED																
L	S	RR	L	S	RR														
Manual handling of bitumen blocks						2 3 6 1 1 2													
Fire						2 2 4 1 2 2													
Burns from hot bitumen						2 3 6 2 2 4													
Weather conditions						2 3 6 1 2 2													
Slips, trips and falls						2 2 4 1 2 2													
<b>PERSONS AT RISK:</b> Employees involved in the activity; Operatives from other Contractors; Members of the public																			
<b>PERSONAL PROTECTIVE EQUIPMENT:</b> The following PPE will be required for the work activities stated. Ensure the correct TYPE of PPE is selected.																			
Head Protection	✓	Eye/Face Protection	✓	Hearing Protection	✓	Hi-visibility Clothing	✓	Gauntlets	✓										
Foot Protection	✓	Safety Clothing		R.P.E.		Fall Arrest (in MEWP)													
<b>CONTROL MEASURES:</b> This is a LOW risk operation providing all control measures are in place.																			
1.	All operatives must wear the correct personal protective equipment, e.g. heat resistant long sleeve gauntlets, overalls, safety boots, hard hat and eye protection when transferring hot materials.																		
2.a	A live bitumen boiler must not be left unattended. The bitumen boiler must not be moved when the bitumen is fluid.																		
2.b	Ensure that bitumen does not come into contact with water.																		
3.	All machinery must be inspected and well maintained.																		
4.	Operators must be trained and competent in the operation of the bitumen boiler.																		
5.	Bitumen blocks should be broken into manageable pieces where necessary and the bitumen boiler must not be overfilled.																		
6.	All operatives must be trained in the use of use of LPG.																		
7.	Burns dressings and nominated first aider must be available on site.																		
8.	COSHH assessment for bitumen joint sealing compound must be adhered to.																		
9.	Bitumen boilers should not be used near watercourses, etc.																		
10.	All operatives must be trained in manual handling.																		
11.	Ensure the working area is adequately fenced off to protect the public and others within the vicinity, whilst works are ongoing and to prevent other unauthorised access.																		
12.	Operatives must be trained in the correct type of fire extinguisher to be use dry chemical (Not water)																		
13.	Transport manually in pouring cans, never fill above the 3 quarter mark.																		
14.	First aid kit should include treatment for burns located close to the boiler.																		
<b>Remember: Always check in your safety manual for Company safety procedures and systems of work.</b> <b>Refer to other assessments for activities connected with this assessment.</b>																			
<b>ADDITIONAL CONTROL MEASURES:</b> (Review at workplace and add any additional specific controls required) None at this time of review																			
<b>REVIEW AND MONITORING:</b> Review in light of further information becoming available or a change in conditions/circumstances.																			
<b>INFORMATION TO BE PROVIDED TO EMPLOYEES:</b> Information contained in this assessment, COSHH assessments on materials used.																			
<b>SIGNED BY ASSESSOR:</b>  <div style="text-align: center; font-size: 1.2em; font-weight: bold;">C L Brown / J Sanders</div>					<b>DATE:</b>  <div style="text-align: center;">15/11/2016</div>		<b>REVIEW DATE:</b>  <div style="text-align: center;">November 2017</div>												



<h1 style="margin: 0;">RISK ASSESSMENT</h1> <p style="margin: 0;">Low Risk Contaminated Site</p>		Ref: CS01  Page 1 of 2																																																
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1.	Operatives working on site with asbestos awareness training UKATA part A.																																																	
2.	All works to be undertaken in accordance with The Control of Asbestos Regulations 2012																																																	
3.	Ground report undertaken by QTS to be available on site																																																	
4.	Asbestos limits recorded as loose fibres quantified as containing Crocidolite, Amosite and chrysotile to maximum concentrations of 0.005 which is below the 0.01 requirement for hazardous waste																																																	
5.	Operatives must take precautions to limit exposure to asbestos loose fibres by ensuring provided PPE is worn. Suitable PPE to be worn by all operatives involved in the operations, rubber boots, impervious disposable gloves, Respiratory protection to a minimum FFP3 standard. PPE must be used but must not wholly be resorted to as adequate protection.																																																	
6.	Site secure no access by unauthorised persons, Only persons necessary to the operation to be allowed within the contaminated areas of site, persons not required to be excluded from area																																																	
7.	Plant, vehicles and PPE can all transfer contaminated ground from the area, although not classed as hazardous waste, under CAR 2012. It must be ensured that contaminated ground is not allowed to contaminate clean areas. Washing down any vehicles or plant exposed to site ground conditions must be undertaken on the confines of the contaminated area of site and prevented from egress into the drainage system. PPE where contaminated should be clean off or disposed of, this also includes personal clothing of an employee if it is badly contaminated it must be treated as PPE clothing provided.																																																	
8.	In the event of suspect materials being located during excavation works, stop work and inform the supervisor immediately																																																	
9.	Ensure that full welfare facilities as required under schedule 2 of CDM 2015 are available on site, also ensure good standards of personal hygiene are maintained, before eating food visiting the toilet or leaving site.																																																	
10.	Ensure a water supply is available prior to commencing works and is adequate in length and flow rate to provided suppression to areas of excavation.																																																	
<i>Continued /</i>																																																		

<h2 style="margin: 0;">RISK ASSESSMENT</h2> <p style="margin: 0;">Low Risk Contaminated Site</p>		Ref: CS01  Page 2 of 2																				
<p><b>ADDITIONAL CONTROL MEASURES:</b> (Review at workplace and add any additional specific controls required)          Any significant changes in the composition of the ground work will stop until further analysis of the ground is undertaken.</p>																						
<p style="text-align: center;"><b>PERSONAL PROTECTIVE EQUIPMENT:</b></p> <p style="text-align: center;">The following PPE will be required for the work activities stated. Ensure the correct TYPE of PPE is selected.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Head Protection</td> <td style="width: 5%; text-align: center;">✓</td> <td style="width: 25%;">Eye/Face Protection</td> <td style="width: 5%; text-align: center;">✓</td> <td style="width: 25%;">Hearing Protection</td> <td style="width: 5%; text-align: center;"></td> <td style="width: 25%;">Hi-visibility Clothing</td> <td style="width: 5%; text-align: center;">✓</td> <td style="width: 25%;">Gloves</td> <td style="width: 5%; text-align: center;">✓</td> </tr> <tr> <td>Foot Protection</td> <td style="text-align: center;">✓</td> <td>Safety Clothing</td> <td style="text-align: center;"></td> <td>R.P.E.</td> <td style="text-align: center;">✓</td> <td>Fall Arrest</td> <td style="text-align: center;"></td> <td></td> <td style="text-align: center;"></td> </tr> </table>			Head Protection	✓	Eye/Face Protection	✓	Hearing Protection		Hi-visibility Clothing	✓	Gloves	✓	Foot Protection	✓	Safety Clothing		R.P.E.	✓	Fall Arrest			
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<p><b>REVIEW AND MONITORING:</b>          Review in light of further information becoming available or a change in conditions/circumstances.          Monitored by site manager / supervisor.</p>																						
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