Fairhurst Stone Cement Batching Process

Part B Environmental Permit Application

Permit Application Report

Document Reference 3526/R/001/01

March 2018

Fairhurst Stone Merchants Limited

Part B Environmental Permit Application for Cement Batching Plant

Report Referenced 3526/R/001

March 2018

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DOCUMENT INFORMATION AND CONTROL SHEET

Document Status and Approval Schedule

Report No.	Title
3526/R/001/01	**Fairhurst Stone Merchants Limited** **Part B Environmental Permit Report**

Issue	Status	Date	Reviewers	Signature	Date
1	**Issued**		**Prepared By** C. Finney		
			Checked By P. Roberts		
			Approved By J. Baxter		

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bsi. ISO 9001 Quality Management FS573193

bsi. ISO 14001 Environmental Management EMS573194

1 INTRODUCTION

1.1 General

1.1.1 This Report has been produced in support of a Part B Environmental Permit application by Fairhurst Concrete Limited (Fairhurst) for a Concrete Filling Station to be located at the Langcliffe Mill site. The concrete silo will be installed to provide bulk cement storage at Fairhurst Concrete Limited to enable a continuous supply of cement to produce concrete blocks.

1.1.2 It is proposed to install a cement filling station which will comprise the storage of 48 tonnes of bulk cement. In accordance with The Environmental Permitting (England and Wales) Regulations 2018 (as amended) (EPR) the storage, loading or unloading bulk cement falls to be regulated under Schedule 1, Part 2, Chapter 3, Section 3.1, Part B(a). This Part B permit application is to be made to the regulating authority Craven District Council (CDC). The application for a Part B permit requires consideration of the possible harm from emissions associated with the proposed activity on potentially sensitive receptors.

1.1.3 Due to 48 tonne design capacity of the filling station the activity is below the threshold of the Process Guidance Note PGN 3/01(12) which covers silos with a design capacity of greater than 500 tonnes. Reference has been made where applicable to the principal techniques in Best Available Techniques (BAT)[1] and the guidance on the prevention of over-pressurisation of storage silos[2], although this does not apply to silos with a design capacity of less than 500 tonnes.

1.1.4 The CDC Part B application form is generic to all Part B activities and not all requirements necessarily apply. This report addresses the details of the activity as required by the CDC Part B application form. This document concerns the operational management of the activity and the identification and management of associated environmental risks.

1.2 Activity Location

1.2.1 Fairhurst Concrete at Langcliffe Mill is located approximately 900 m to the north of Langcliffe and 1 km to the south of Stainforth adjacent to the River Ribble and B6479 to the east. The filling station will be located to the north east corner of the site at National Grid Reference (NGR) SD 82258 661177. The location of the filling station will serve as the extent of the permit boundary of the activity (see drawing ref 3526/1/001).

1.3 Proposed Activity

1.3.1 The Armcon filling station comprises a steel constructed unit and will provide storage for 48 tonnes of bulk cement. The storage of cement at this capacity falls to be regulated as a Part B activity. The filling station provides bulk cement storage for concrete block manufacture.

1.4 Plant / Equipment

1.4.1 The transportable concrete filling station is provided by Armcon Cementech and has the following specifications:

- A bulk cement storage capacity of 48 tonnes;

[1] Joint Research Centre. Best Available Techniques (BAT) Reference Document for the Production of Cement Lime and Magnesium Oxide. 2013.
[2] Mineral Products Association. Guidance to prevent over-pressurisation of storage silos during the delivery of (non-explosive) powder in the cement, concrete and quarrying industries. 2012.

- 219mm screw conveyor allowing truck fill time of approximately 3 minutes;
- A water capacity of 500 litres;
- Admixture storage of 3 x 205 litre drums.

1.4.2 A SILOTOP reverse air jet filter comprising of a 24.5 m^2 surface area allows the collection of suspended powder from the top of the silo. The dust is separated from the air flux by filter elements and then is dropped back into the silo after the air jet cleaning system has removed it from the filter elements.

1.5 Information & Records

1.5.1 Records will be kept of any inspections, tests, monitoring, weather conditions, maintenance and of any complaints about the activity substantiated or otherwise. These records will be retained by the operator and will be made available to the regulators in accordance with the Environmental Management System (EMS) and Operating Method (provided at Appendix A). Abnormal events will be actioned and recorded in accordance with the Permit.

1.5.2 A copy of the Part B Environmental Permit, this permit application report and all other relevant supporting documentation will be held by the operator for reference by all relevant staff. All relevant staff will be familiar with the conditions of the permit.

1.6 Roles & Responsibilities

1.6.1 The activity will be operated in accordance with the conditions established in this Part B Environmental Permit Report document and the site EMS.

1.6.2 Staff will have clearly defined roles and responsibilities. Appropriate training will be undertaken and appropriate written instructions will be given where necessary. Copies of any such written instructions will be retained and used to investigate any incidents. Any contractors employed on site will be provided with necessary information before commencing work.

1.6.3 All relevant staff will hold relevant valid operating licences for each item of equipment and mobile plant to be used at the activity. The operator will carry out appropriate risk assessments to the activities.

2 PERMITTED ACTIVITIES

2.1 Overview

2.1.1 The following section provides a detailed description of the activity. Figure 1 illustrates the individual stages of the activity and the expected emissions at each stage.

2.2 Processes

Loading and Unloading of bulk cement

2.2.1 Delivery of bulk cement will be in accordance with the Mineral Products Association Limited (MPA) Guidance to prevent over-pressurisation of storage silos during the delivery of (non-explosive) powder in the cement, concrete and quarrying industries.

2.2.2 The silo will be filled with cement powder delivered to site by tanker. The tankers are equipped with a blowing system which provides air to transport powder into the silo. The air compressor on the tanker provides a supply of air for three purposes:

- to pressurise the tank vessel to help feed the powder out of the tankers. The tank is pressurised at the start of the blow, and can be repressurised as necessary during the course of discharging;
- a separate feed from the air supply passes to the distributor system which fluidises the powder around the distributor plate;
- a third feed of air receives the fluidised powder flow from the tanker, along the connecting pipework and into the silo.

2.2.3 The processed and transferring and unloading of the cement powder from the tankers is via a fully enclosed as the product is transferred via a fully closed delivery auger. The process takes place on a sealed impermeable surface. The Armcon filling station will provide a mechanism to transfer the stored bulk cement to the mobile mixer wagons. The inclined fully enclosed delivery auger provides fast fill to mobile mixer wagons.

Figure 1: Process Flow Chart

	Process	Emissions	Controls	Report Section
Inputs	Vehicular movement to and from site to delivery of cement powder and water. Bulk cement is delivered via tanker to the silo.	Dust and mud from vehicular movements. Dust and particulate matter emitted from over-pressurisation of silo during delivery of cement. Dust and particulate matter emitted during transfer.	Reference to Best Available Techniques as presented in Table 2. Silo only to be filled by trained personnel.to avoid overfilling and over-pressurisation.	Table 2 & 3
Filling Station	Storage of bulk cement	Dust and particulate matter emitted during transfer.	Silo fitted with arrestment system comprising a cartridge type filter. Reference to Best Available Techniques as presented in Table 2.	Table 2 & 3
Outputs	Bulk cement transfer to wagon from silo.	Dust and particulate matter emitted during transfer.	Reference to Best Available Techniques as presented in Table	Table 2 & 3

3 EMISSIONS & MONITORING

3.1 Potential Emissions

3.1.1 The Operator will monitor the process for any emissions with reference to BAT and the Guidance Notes relevant to the activity; PGN3/01(12) Blending, Packing, Loading, Unloading and Use of Bulk Cement and MPA guidance on the prevention of over-pressurisation of storage silos.

3.1.2 Point source emissions are to be limited to particulate matter through the loading of cement powder and unloading of cement to and from the silo at the silo inlet and outlet points. Fugitive emissions are expected to negligible and will be minimised through good housekeeping at the site. BAT for the reduction of point source and fugitive emissions are provided in Table 2. The risk to sensitive receptors by point source emissions is provided in Table 3.

3.2 Point Source Emissions

Particulate Matter

3.2.1 Particulate matter may be emitted through the silo inlet and outlets during loading of cement powder and unloading of cement. According to PGN 3/01(12), only operator observations of particulate matter are required at the time of delivery silo being capable of meeting an Emission Limit Value (ELV) of 10 mg/m^3 for particulate matter. All transfer points shall be fitted with sufficient means of dust abatement to minimise emissions of dust. The powder inlet is located close to ground level to avoid significant emissions into the air. An air jet cleaning unit is fitted to the top of the filling station which allows particulate matter to be reversed back into the silo whilst releasing pneumatic air. The reverse air jet system also allows the air to be reversed to clean the filters periodically.

3.2.2 Management of fugitive dust and particulate matter emissions will be carried out in accordance with the EMS, the site Permit and with reference to BAT, and will not be considered further in this report.

Over-pressurisation of the silo

3.2.3 Small silos have a greater risk of being over-filled as the volume of the silo may be similar or smaller than the volume of material delivered. Reference has been made to the MPA guidance on over-pressurisation of storage silos during the delivery of cement powder. To prevent over filling and thus over-pressurisation of the silo a warning sensor is fitted which activates audible and visual alarms. The sensor comprises a high pressure sensor that monitors the pressure in the silo. The silo has two pressure settings high and high-high. The high pressure level when reached will cause a warning light. When the high-high pressure is reached, a time delay inlet valve is automatically closed and sounds the alarm. The pre-determined pressure levels are factory set at 350 mmwg for high and 400 mmwg for high high. Adequate pressure indicators with cut out switches are effective in managing the risk of dust emissions from over-pressurisation of the silo.

3.2.4 Records of any pressure alarm and any significant visible emissions will be recorded in the site diary and kept on site by the operator for at least two years. These records will be made available to regulators upon request.

3.3 Fugitive Emissions

Odour

3.3.1 It is considered unlikely that the process will generate any odour and as such will not be considered further in this report.

Noise & Vibration

3.3.2 The proposed activity may generate some noise and vibrations. This is expected to result primarily from the re-filling of the silo and the loading and unloading of the mixer wagons. The filling station has a declaration of conformity with the sound powder level guaranteed at 109 dB in accordance with ISO 3744 and 2001/14/EC. In general, the activity is not expected to significantly contribute to noise and vibration emissions from activities currently operating on site. Management of noise and vibration emissions will be carried out under the EMS for the site, and will not be considered further in this report.

Dust and mud

3.3.3 Fugitive emissions may arise during the filling of silos through the transfer lines. To minimise the potential for any emissions transfer lines will be securely connected to the silo delivery input and the tanker discharge point, in that order. The delivery auger is fully enclosed to contain any potentially dusty materials from escaping during transfer and will be inspected and maintained in accordance with manufacturer specifications. The plant's enclosed system and operating principals are expected to minimise the risk of emissions to air. Any spillages of bulk cement will be dealt with promptly through wet handling methods to limit the potential for dust emissions.

3.3.4 The proposed activity may generate dust through vehicular movements to and from the site. Visible dust emissions will be monitored via operator observations at least daily to ensure no visible dust has the potential to cross the site boundary. Vehicles entering the site for loading and unloading have the potential to resuspend material. To prevent the resuspension of material all surfaces will be kept clean and in good repair. Fugitive emissions are likely to be negligible however, and good housekeeping of the site is expected to minimise any potential emissions that may arise.

4 RISK ASSESSMENT

4.1 Hazard Pathways

4.1.1 When choosing the receptors, the closest and the most sensitive (if different from the closest) have been considered in each direction from the noise or dust source term. Account has be taken of the mechanism of transport to the sensitive receptor e.g. proximity to highway access and wind direction for airborne dust.

4.1.2 Probability of exposure is determined by the distance of the receptor to the activity and the likelihood of the hazard reaching the receptor (e.g. frequency of prevailing wind in that direction). This stage of the assessment assesses the likelihood that exposure has resulted from an uncontrolled emission i.e. without mitigation.

4.2 Hazard Receptors

4.2.1 The nearest sensitive receptors to the activity are identified in drawing 3526/002/01. The distance of these receptors to the activity area, their direction relative to the activity area and the frequency the wind blows in the direction of the receptor is detailed in Table 1 below. A conservative assessment of the distance has been made by taking the distance as measured from the activity boundary.

4.2.2 A habitat search using Magic.gov.uk[3] was carried out to identify protected areas and species in and around the proposed activity. This search was conducted to determine the potential detrimental impact that constructing the proposed installation could have on the surrounding environment.

Table 1. Sensitive Receptors

No.	Receptor	Category	Approx. Distance from Boundary (m)	Direction from Site	Freq. (%) down wind
1	River Ribble	Surface Watercourse	0*	W	6.6
2	Stainforth Road (B6479)	Highway	0*	E	11.3
3	Cottages on Stainforth Road	Residential	300	S	2.6
4	Ellwood Cottages	Residential	510	S	2.6
5	Husbands Barn	Residential	270	N	11.5
6	Borrins Farm	Residential & Commercial	335	W	6.6
7	Aldby House	Residential	440	WSW	3.6
8	Agricultural Land	Agricultural	0*	N, E, W, S	11.5
9	Track – footpath	Footpath	125	SE	4.1
10	Greystones Cottage	Residential	600	SW	2.7
11	Pike Lane Track	Footpath	480	E, SE	11.3
12	Hornby Laithe Bunkhouse Barn	Residential	415	NW	5.1
13	Lower Winskill Farm	Residential & Commercial	550	NE	8.7
14	Stone Dikes Barn	Residential	405	N	11.5
15	Wider Fairhurst Concrete Limited complex	Industrial & Commercial	0*	-	11.5
16	Deciduous Woodland Priority Habitat	Sensitive habitat	130	W	6.6
17	Lowland calcareous grassland	Sensitive habitat	475	SE	4.1
18	Good quality semi-improved grassland Priority Habitat	Sensitive habitat	155	SE	4.1
19	Hawfield Plantation	Ancient & Semi-Natural Woodland	400	NE	8.7

*Within or adjacent to site boundary

[3] http://www.natureonthemap.naturalengland.org.uk//

4.2.3 A number of receptors were identified within 1 km of the activity, and consisted of primarily residential premises and agricultural land. Residential properties may have sensitivity dust and noise and are regarded as being occupied at all times. Livestock on agricultural land may be sensitive to noise. Agricultural land is otherwise not regarded as being sensitive to dust or noise.

4.2.4 The site is not located within an Air Quality Management Zone (AQMA). The closest AQMA to the site is a Nitrogen Dioxide (NO_2) AQMA located in City of Lancaster approximately 35 km from the site[4].

4.3 Risk Assessments

4.3.1 The specific risk assessments completed for point source emissions from the proposed activity are detailed in Table 4. In many cases there is an interrelationship between these specific risk assessments and meteorological conditions and where relevant this has been identified. The pathway is determined by the location of the receptor relative to the activity, the distance from the activity area (m) and the frequency (likelihood) the prevailing wind will blow in the direction of the receptor. The frequency of the receptor being positioned downwind is extrapolated from the windrose[5] for Skipton for the 5 year period from May 2013 to February 2017. The predominant wind direction is from the south or west recorded from this direction.

4.3.2 The risk assessment tables represent the risk of exposure to a hazard before controls are put in place. The probability of exposure is therefore not necessarily a reflection of the severity of the impact on the receptor, which may not be sensitive to the hazard. The severity of the unmitigated consequence presumes the receptor has been exposed to the hazard. If the receptor is unlikely to be exposed, then the overall unmitigated risk is low and vice versa. The mitigated risk is the residual risk presented by the hazard after control measures have been instigated. This is the most realistic representation of the risk as effective controls will be maintained under the requirements of the environmental permit, planning consent and Best Available Techniques.

4.3.3 The Part B Permit application requires evidence of the proposed techniques to be utilised in preventing or reducing fugitive emissions to air. The techniques that will be used at the installation are detailed in the appropriate Risk Assessment tables (Table 4). These measures will be enacted upon commencement of operations, and will continue for the duration of the proposed activity.

[4] http://uk-air.defra.gov.uk/aqma/maps
[5] https://www.windfinder.com/windstatistics/skipton

5 MITIGATION OF ENVIRONMENTAL IMPACTS

5.1 Emission Impacts

Ecological Impacts

5.1.1 Areas of priority habitat deciduous woodland have been identified within 500 m of the site with the closest areas identified at approximately 130 m to the east and 200 m to the south west of the activity. Areas of priority habitat good quality semi-improved grassland are located approximately 155 m to the south east at the closet point and areas of lowland calcareous grassland are located approximately 390 m to the north east of the activity at the closest point. Hawfield Plantation, an area of ancient and semi-natural woodland, is located approximately 400 m to the north east of the activity. Langcliffe Scars and Jubilee, Albert and Victoria Caves Site of Special Scientific Interest (SSSI) is located 1.2 km to the south east of the site. Lords Wood and Pasture SSSI is located approximately 1.5 km to the south west of the site. No Ancient Woodland or LWSs were identified within 1 km of the site.

5.1.2 The habitat search on Magic software indicates no other SSSIs, SACs, SPAs or RAMSAR sites are located within 2 km of the site. No scheduled monuments were identified within 1 km of the site.

Amenity Impacts

5.1.3 The site is located in a rural, sparsely populated area, and many of the residential properties present are located at a significant distance from the site, or are generally upwind of the site. In addition, the emissions generated by the proposed activity are expected to be negligible, and will be controlled by operational practices on site. Some agricultural land and residential properties in the area may be susceptible to noise but due to the nature of the activity this will be limited. By restricting operations to normal working hours and ensuring that all equipment is properly maintained according to the existing EMS it is expected that the disturbance to these premises would be minimised.

5.2 Techniques for Limitation of Emissions

5.2.1 The Best Available Techniques (BAT) for limitation of emissions to air from the proposed activity have been obtained by reference to PGN 3/01(12) and to BAT. The techniques are presented in Table 2, and applied to Table 3 to assess the reduced impact as a result of their implementation at the activity. In the event of abnormal emissions, malfunction or breakdown leading to abnormal emissions, the operator will;

- Investigate and undertake remedial action immediately;
- Adjust plant operation to minimise emissions;
- Record the events and actions taken; and
- Inform the Agency in the event of failure of key abatement plant or emissions that may affect the local community.

Table 2. Point Source Emission Mitigation Best Available Techniques (BAT)

Nature of Emission	Dust Mitigation BAT
Dust/Particulate Matter Generated by: • Loading and unloading of silo; • Insufficient cleaning of plant; • Over-pressurisation of silo resulting in loss of silo structural integrity and/or pressure relief valve to lift; • Vehicle movements;	• The filling station will be equipped with appropriate arrestment equipment. A SILOTOP air jet filter is installed which vents displaced air into the silo; • The silos will not be overfilled. The storage silo is equipped with audible and visual high level alarms to warn of overfilling. Personnel will be trained in the correct operation of the alarms in accordance with manufacturer's instructions; • Delivery automatically stops where overfilling or over-pressurisation of the silo is identified; • The safety system will be operated, maintained and calibrated in accordance with the manufacturer's instructions. • The air jet filtration system will be used and maintained in accordance with manufacturer specifications; • The transfer of cement powder is by enclosed screw feeder. • All areas where there is vehicular movement will be kept clean and in good repair. No vehicles shall track material from the site onto the highway.

Table 3. Point Source Emissions Risk Assessment and Action Plan

Hazard/ Pathway	Receptor				Probability of exposure	Consequence	Overall Risk	Risk Management	Residual Risk
	No	Dist. (m)	Direc.	Down-wind Freq.(%)					
Dust generated by site operations	1	0*	W	6.6	High – Close to site, occasionally downwind	Medium- Potential impact to sensitive habitat	High	Plant will be operated and maintained to manufacturer's specifications with reference to BAT. Appropriate emission monitoring is proposed. All incidents or complaints received associated with dust will be documented in records retained by operator.	Low
	2	0*	E	11.3	High –Close to site, frequently downwind	Low- Irregular, transient vehicle use	Medium		
	3	300	S	2.6	Medium – Medium proximity to site, rarely downwind	High- Potential impact to residents	High		
	4	510	S	2.6	Low – Distant from site, rarely downwind	High- Potential impact to residents	Medium		
	5	270	N	11.5	Medium – Medium proximity to site, frequently downwind	High- Potential impact to residents	High		
	6	335	W	6.6	Medium – Medium proximity to site, occasionally downwind	High- Potential impact to residents and grazing animals	High		
	7	440	WSW	3.6	Medium – Medium proximity to site, infrequently downwind	Low- Irregular, transient vehicle use	Low		
	8	0*	N, E, W, S	11.5	High – Close to site, frequently downwind	Medium – Potential impact to grazing animals and agricultural land	High		
	9	125	SE	4.1	Medium – Medium proximity to site, occasionally downwind	High- Potential impact to residents	High		
	10	600	SW	2.7	Low – Distant from site, rarely downwind	High- Potential impact to residents	Medium		
	11	480	E, SE	11.3	Medium – Medium proximity to site, frequently downwind	Low- Irregular, transient vehicle use	Low		
	12	415	NW	5.1	Low – Distant from site, occasionally downwind	High- Potential impact to residents	Medium		
	13	550	NE	8.7	Low – Distant from site, frequently downwind	High- Potential impact to residents	Medium		
	14	405	N	11.5	Medium – Medium proximity to site, frequently downwind	High- Potential impact to residents	High		
	15	0*	-	11.5	High – Close to site, frequently downwind	High – Potential impact to site personnel	High		
	16	130	W	6.6	High – Close to site, occasionally downwind	Medium – Potential impact to sensitive habitat	High		
	17	475	SE	4.1	Medium – Medium proximity to site, occasionally downwind	Medium- Potential impact to sensitive habitat	Medium		
	18	155	SE	4.1	High – Close to site, occasionally downwind	Medium- Potential impact to sensitive habitat	High		
	19	400	NE	8.7	Medium – Close to site, occasionally downwind	Medium- Potential impact to sensitive habitat	Medium		

DRAWINGS

TerraConsult

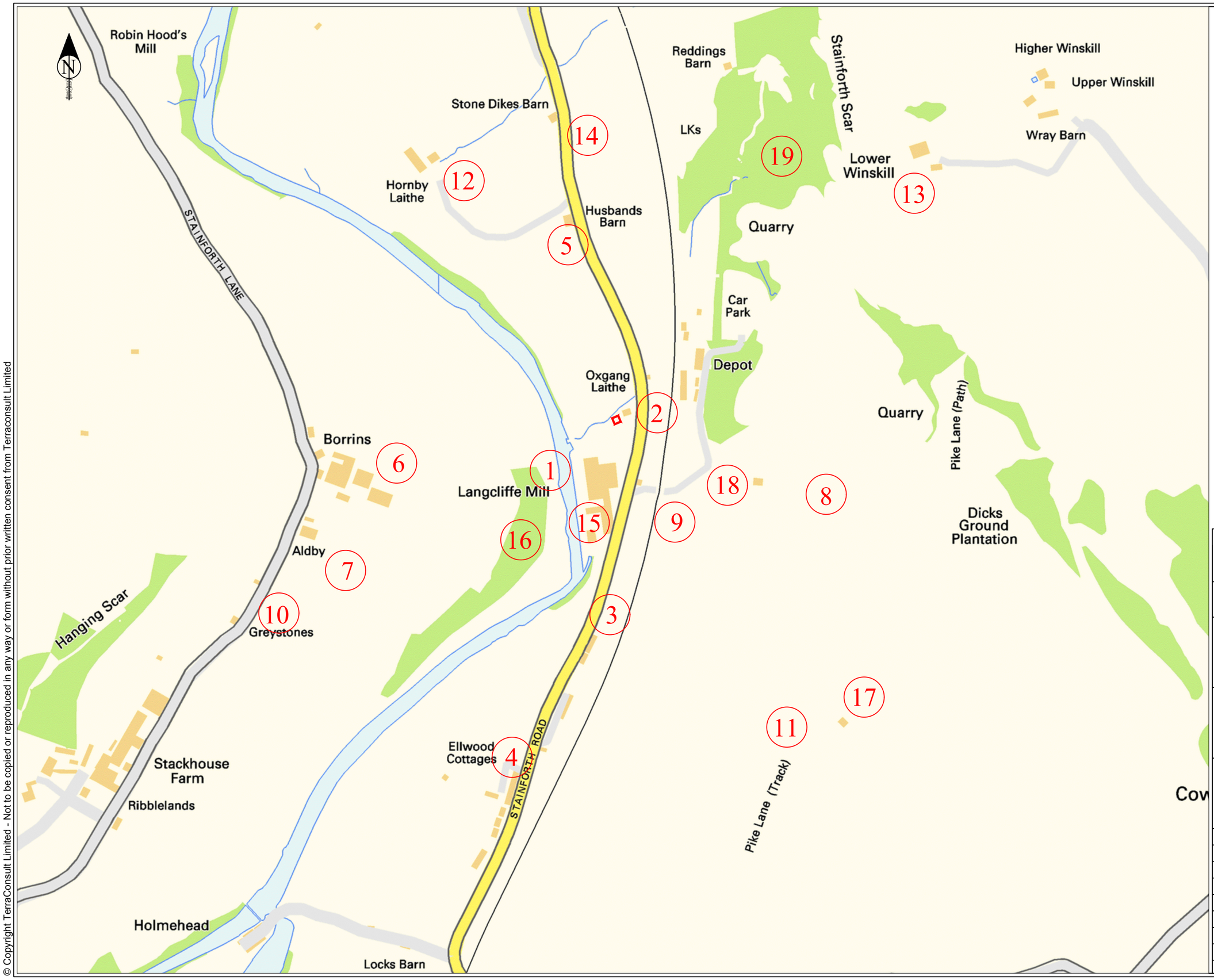
Bold Business Centre, Bold Lane, Sutton, St Helens WA9 4TX

Client: FAIRHURST STONE MERCHANTS

Site
Fairhurst Stone

Title
Site Location

Scale	1:2,500	@ A4
Drawing No.	3526/1/002	
Rev / Date	Description	
File	35261002SiteLocation	
Date 3/18	Engineer SR	
Drawn SR	Checked FINAL	



Key

- Part B Permit Boundary
- 1 Receptor Location

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Bold Business Centre, Bold Lane, Sutton, St Helens WA9 4TX

Client: FAIRHURST STONE MERCHANTS

Site: **Fairhurst Stone**

Title: **Site Location and Sensitive Receptors**

Scale	1:5,000	@ A3
Drawing No.	3526/1/001	
Rev	Date	Description
File	35261001SensitiveReceptors&SiteLocation	
Date	3/18	Engineer SR
Drawn	SR	Checked FINAL

Appendix A

Operational Procedures and Technical Specifications

HEALTH & SAFETY POLICY STATEMENT

Health and Safety at Work etc. Act 1974

This is the Health and Safety Policy Statement of:

Fairhurst Stone Merchants Ltd

Management recognises and accepts its responsibility to ensure, so far as is reasonably practicable, the health and safety of all its employees, contractors, visitors and those members of the public who may be affected by the Company's activities.

It is the Company's aim to promote, set and maintain the highest standards for health, safety and welfare matters. This will be achieved by:-

- providing adequate control of the health and safety risks arising from the work activities;
- consulting with employees on matters affecting health and safety;
- providing and maintaining safe plant and equipment;
- ensuring safe handling and use of substances;
- providing information, instruction and supervision for employees;
- ensuring all employees are competent to do their tasks;
- preventing accidents and cases of work-related ill health;
- maintaining safe and healthy working conditions; and
- reviewing and revising this policy as necessary at regular intervals.

The company will endeavour to eliminate any hazards which may result in personal injury, industrial illness, fire, security losses, property damage or harm to the environment.

SIGNED: E. N. Fairhurst

Date: February 2014 *Review Date: February 2015*

Reviewed March 2015. Next Review March 2016
Reviewed Feb 2016 " " Feb 2017 changes to first aiders
Reviewed Feb 2017 reprint of arrangements

1. Responsibilities

The responsibility for health and safety rests with everyone, from senior management through to each individual member of staff, contractor and visitor. This section sets out the responsibilities under this policy.

1.1 Overall and final responsibility for health and safety is that of:

EDWARD FAIRHURST

1.2 To ensure health and safety standards are maintained / improved, the following people are responsible for ensuring that all activities under their control are carried out in accordance with the business's health and safety policy, standards and safe working procedures; and in compliance with statutory provisions:

Name	***Responsibility***
Peter Flockhart	*Worksop Manager (Langcliffe)*
Stan Simpson	*Quarry Manager (Whitworth)*

1.3 Employees have legal duties under the Health and Safety at Work etc Act 1974. In particular, they must:

- co-operate with management on health and safety matters;
- take reasonable care for their own health and safety and that of others who may be affected by their acts or omissions at work;
- co-operate, so far as is necessary, to enable any duty or requirement imposed on the Company by or under any of the relevant statutory provisions, to be performed or complied with;
- not intentionally or recklessly interfere with or misuse anything provided in the interest of health, safety or welfare in pursuance of any of the relevant statutory provisions;

Failure to comply with these requirements may lead to both disciplinary action being taken by the Company and prosecution by the Health & Safety Executive (HSE).

2. Health & Safety Risks Arising From Our Work Activities

Under the Management of Health and Safety at Work Regulations, the Company has a duty to assess risks to the health and safety of anyone who may be affected by their work activities. It is the Company's policy to ensure that no-one is put at risk from any activities under its control.

2.1 Risk assessments will be undertaken by Edward Fairhurst in consultation with both NFU Mutual Risk Management Services Limited and members of staff.

2.2 The findings of the risk assessments will be reported to all relevant members of staff.

2.3 Action required to remove / control risks will be approved by Edward Fairhurst.

2.4 Edward Fairhurst will be responsible for ensuring the action required is implemented.

2.5 Edward Fairhurst, in consultation with NFU Mutual Risk management Services Limited, will check that the implemented actions have removed the hazards or reduced the risks to an acceptable level.

2.6 Assessments will be reviewed annually or when work activity changes, whichever is soonest.

3. Consultation With Employees

Under the Health and Safety (Consultation with Employees) Regulations 1996 the Company has a duty to consult employees either directly or through elected representatives on matters relating to health and safety.

Consultation will be via discussion prior to job start or other meetings as held from time to time.

4. Safe Plant & Equipment

Under The Provision and Use of Work Equipment Regulations 1998 and The Lifting Operations and Lifting Equipment Regulations 1998, the Company has a duty to ensure that all plant and equipment that requires maintenance (including statutory testing) is identified and that the maintenance work is undertaken.

4.1 Edward Fairhurst will be responsible for identifying all equipment / plant needing maintenance.

4.2 Edward Fairhurst will be responsible for ensuring effective maintenance procedures are drawn up.

4.3 Edward Fairhurst will be responsible for ensuring that all identified maintenance is implemented.

4.4 Any problems found with plant / equipment should be reported to Edward Fairhurst.

4.5 Edward Fairhurst will check that new plant and equipment meets health and safety standards before it is purchased.

5. Safe Handling & Use of Substances

Under the Control of Substances Hazardous to Health Regulations 2002 (COSHH), the Company has a duty to assess the risks from both hazardous substances that are used (e.g. chemicals, solvents, paints, oil, etc.) and hazardous substances generated from work activities (e.g. dust, fume, vapour, etc.).

5.1 Edward Fairhurst will be responsible for identifying all substances that need a COSHH assessment.

5.2 Edward Fairhurst, in consultation with NFU Mutual Risk Management Services Limited will be responsible for undertaking COSHH assessments.

5.3 Edward Fairhurst is responsible for ensuring that all actions identified in the assessments are implemented.

5.4 Edward Fairhurst will be responsible for ensuring that all relevant employees are informed about the COSHH assessments.

5.5 Edward Fairhurst will check that new substances can be used safely before they are purchased.

5.6 Assessments will be reviewed annually or when the work activity changes, whichever is soonest.

6. Information, Instruction & Supervision

The Health and Safety Information for Employees Regulations 1989 require the Company to display a poster telling employees what they need to know about health and safety.

6.1 The Health and Safety Law poster is displayed in the brew room.

6.2 Health and safety advice is available from NFU Mutual Risk Management Services Limited.

6.3 Supervision of trainees will be arranged / undertaken / monitored by Edward Fairhurst.

6.4 Edward Fairhurst is responsible for ensuring that employees working at locations under the control of other employers are given relevant health and safety information.

7. Competency for Tasks & Training

The law requires an employer to provide appropriate information, instruction and training regarding health and safety at work. This is to enable employees to work safely for the benefit of themselves and others.

7.1 Induction training will be provided for all employees by Edward Fairhurst.

7.2 Job specific training will be provided by Edward Fairhurst.

7.3 The following tasks must only be carried out by specifically authorised employees, who will normally have successfully completed a special training course. This is because the tasks are either potentially hazardous or legislation demands authorised persons only:-

- Mechanical Handling Equipment
- Stone Saws
- Hydraulic splitter/cropper
- Angle grinders/Disc cutters
- Use of excavators and company vehicles

All other employees are strictly forbidden from carrying out the above tasks unless supervised by a suitably qualified person.

7.4 Employees operating company vehicles must hold the appropriate class of licence and be specifically authorised, for a particular vehicle, by management.

7.5 Training records are kept in the Office by Edward Fairhurst.

7.6 Training will be identified, arranged and monitored by Edward Fairhurst.

If an employee does not understand any matter relevant to their health and safety at work, or consider that they have not received adequate information, instruction or training, they must report the matter to Management.

8. Accidents, First Aid & Work-Related Ill Health

The Company will ensure, so far as is reasonably practicable, that all accidents and dangerous occurrences are reported internally and, where appropriate, to the enforcing authority. In addition, all accidents and dangerous occurrences will be investigated and reasonable measures put in place to prevent recurrence.

8.1 All accidents, cases of work-related ill health and dangerous occurrences are to be recorded in the accident book. The book is kept in the Office. Edward Fairhurst is responsible for periodically analysing the accident book for signs of trends.

8.2 Edward Fairhurst is responsible for undertaking investigations following accidents, dangerous occurrences and work related ill health absence.

8.3 Edward Fairhurst is responsible for acting on investigation findings to prevent a recurrence.

8.4 Edward Fairhurst is responsible for reporting notifiable accidents, diseases and dangerous occurrences to the enforcing authority, as required by the Reporting of Injuries, Diseases and Dangerous Occurrences Regulations (RIDDOR) 1995.

8.5 The first aid boxes are kept in the maintenance area.

8.6 The appointed first aid persons are:-

Name	*Location/Designation*
~~PAUL MARTIN~~ / SIMON BOND.	
ROSEY HASLAM. (OFFICE)	} WORKSHOP
DAVID KNOPP	
BOB MARRISON	
PETER FLOCKHART	

The relevant first aiders are responsible for ensuring that first aid boxes are regularly stocked with approved first aid material.

8.7 It is the Company's policy to do everything that is reasonably practicable to reduce the risk of work-related stress. If any member of staff feels that they are suffering from excessive pressure, anxiety or other symptoms of stress, they should speak, in strictest confidence, to management.

9. Emergency Procedures – Fire & Evacuation

9.1 Edward Fairhurst is responsible for ensuring the Fire Risk Assessment is undertaken and implemented.

9.2 Escape routes are checked by Edward Fairhurst every week.

9.3 Fire extinguishers are maintained and checked on an annual contract.

9.4 The emergency evacuation procedures will be tested every 12 months.

10. Areas of Risk

There are several activities undertaken by the Company that present a risk to health and safety. The main areas of risk are listed below:

- Transport/Vehicles
- Contact with machinery
- Noise
- Dust (Silica)
- Hand arm vibration
- Slip, trip or fall
- Manual Handling
- Workshop - General

To help reduce the risk of injury or exposure, the Company has produced Safe Working Procedures for a variety of the hazardous tasks that are undertaken. All employees should read and follow the guidance detailed in these documents. Copies are available from management.

11. Monitoring & Reviewing

To ensure that the Company's commitment to managing health, safety and welfare in the workplace is actively pursued, management will examine the implementation of this policy by performing regular safety audits and inspections of the premises and operations. In addition, this policy, together with its associated arrangements, will be reviewed annually or when work activity changes, whichever is soonest.

If you are unsure about any issues raised in this policy, please inform management IMMEDIATELY. Do not take chances.

IF IN DOUBT - ASK !

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E. sales@armcon.com

CERTAINTY IN CONCRETE

Safety System Operating Method

1. Power unit up. Observe lamps and alarm is functioning.

2. Connect pipe to bulk tanker.

3. Press start button on the panel. (Valve will open and the proving pressure switch should operate. If this fails to operate the alarm will sound and the valve open lamp will flash, the valve open command will be removed.

4. The following will cause the valve to close and the alarm to sound.

5. Silo high level. After a time delay the valve will close and alarm will sound. Note this alarm will self reset on the level falling.

6. Silo high-level switch fault. The high-level fault lamp will flash. Note: The operator can override this alarm by holding the reset switch ON.

7. The Ultimate high level when activated will instantly close the inlet valve. The audible alarm and flashing beacon will be active. To cancel alarm press alarm mute, the red Ultimate high level lamp will be lit. These alarms will self cancel when the level drops. Note there is no override for this function.

8. Silo high pressure ANALOGUE. There are two pressure settings high and high high. The first high when reached will put the high-pressure lamp on but will not sound the alarm. When the high-high pressure is reached, and after a time delay, the valve will close and sound the alarm. Key reset required. Loss of the analogue loop due to the sensor or wiring fault will illuminate the high pressure lamp, sound the alarm and the monitor will read –50MMWG.

9. Relief valve operated. Valve closes instantly and alarm operates. Key reset required.

Shutdown sequence

1. Remove connection from tanker valve closes.

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CERTAINTY IN CONCRETE

Operating Principals and Alarms

1. On power up. The lockout-reset switch must be operated to reset the system after an alarm.
2. The unit will test all outputs for functionality. The lamps will operate in sequence.
3. Valve open. (Green)
4. High pressure. (Red)
5. Silo high level. (Red)
6. Relief valve operated. (Red)
7. Low air pressure. (Red)
8. Ultimate high level. (Red)
9. Flashing beacon and audible alarm.
10. If the lamp is lit out of sequence this is not a fault but an indication that a fault exists. The operator must be aware that periodic testing of the plant is important.
11. A test routine has been incorporated into the system by holding down the Mute button for 3 seconds.
12. The controller will display the actual pressure of the vessel in mmwg see Fig. 1
13. The high-pressure set point is set by pressing the A button and incrementing the + to raise and the - to lower the set point. Note this setting is indication only and not an alarm although the high-pressure light will be energised. See note below.
14. The high-high pressure level set point is set by pressing the B button and incrementing the + to raise and the – to lower the set point. Note this setpoint will close the inlet valve and cause an alarm. See note below.

NOTE: - THE HIGH AND HIGH HIGH HAVE BEEN FACTORY SET TO 350mmwg AND 400mmwg.

(4)

AGREEMENT No. HIRE1389

HIRE CONTRACT ACCEPTANCE

TO BE RETURNED BY HIRER TO OWNER

From

(Owner)
Armcon Limited
Armcon Business Park
London Road South
Poynton
SK12 1LQ

To (Hirer)

Fairhurst Concrete Limited
Langcliffe Mill
Stainforth Road
Langcliffe, Settle
North Yorkshire
BD24 9NP

Dear Sirs, I/We hereby accept your offer for plant/equipment, scheduled at the rates and terms noted below and subject to The CPA Model Conditions for the Hiring of Plant (2001) and where applicable the relevant Supplementary Conditions. We also accept that any Contract Lifting is carried out under The Standard Terms and Conditions for a Contract for the Lifting and Movement of Goods involving Crane Operations.

Your Ref/Order No.:		Date of Offer:	Wednesday 20th May 2015
Contact: Edward Fairhurst	Telephone: 01524 271160	Fax:	01524 273051

PERIOD OF HIRE: From: To:

SCHEDULE OF PLANT: Where interdependent items of plant are hired as a group it should be stated or indicated by means of a bracket (see clause 11)

Ex Hire Armcon 48 Tonne Transportable Filling Station serial number: FS500828.

Maintenance contract not included please see "Basis of Charge" below.

CURRENT HIRE RATES AND TERMS:

Deposit £3,000.00 plus VAT due with order.
Month 1 payment £1,000.00 plus VAT due 48 hours prior to delivery.
Remaining payments £1,000.00 plus VAT due on or before monthly anniversary of delivery.

CHARGEABLE ITEMS All operator items will be charged at rates current at the time the work is carried out to include any increases from awards under any wage agreements and/or employer's statutory contributions (See Clause 26).

OPERATOR	BASIS OF CHARGE	MACHINE	BASIS OF CHARGE
Overtime	VARIATION This machine is hired WITHOUT MAINTENANCE which means the hirer is responsible for ALL service and repairs		Hirer agrees and is responsible for all servicing, all repairs and daily maintenance including greasing and adjustments applicable to the mixer and chassis. Damage and loss will be chargeable
Lodging Allowance		TRANSPORT OF PLANT	
Mileage/Travel Allowance	Armcon Lease Hire Guide Terms Apply please see SLHG1230	VAT (if applicable)	
Bonus (if applicable)		ADDITIONAL INSURANCE/ SUBROGATION WAIVER If requested and specified by the Hirer in respect of his liabilities under Clauses 8 and 13 and subject to the agreement of the Owner and confirmation of cover within the terms and limitations of the Owner's Insurance policies	
NIC @...			(See footnote1)*

SITE ADDRESS (Exact Location and Telephone No.)

Fairhurst Concrete Limited
Langcliffe Mill
Stainforth Road
Langcliffe, Settle
North Yorkshire
BD24 9NP

Time on Site

Contact
Edward Fairhurst
Tel. No.
01524 271160
Mobile
07971 813153

DATE OF DELIVERY

SIGNATURE E. N. Fairhurst

For and on behalf of Hirer

FOOTNOTES*
(1) UNLESS OTHERWISE AGREED IN WRITING THE HIRER IS RESPONSIBLE FOR INSURING AGAINST HIS LIABILITIES UNDER CLAUSES 8 AND 13
(2) ACCEPTANCE OF THE PLANT ON SITE IMPLIES ACCEPTANCE OF ALL TERMS AND CONDITIONS STATED ON THIS OFFER (SEE CLAUSE 3) UNLESS OTHERWISE AGREED IN WRITING

TERMS OF PAYMENT Monthly Direct Debit

CPA(General) 01/2002

Armcon Ltd
Armcon Business Park
London Road South
Poynton
Cheshire SK12 1LQ

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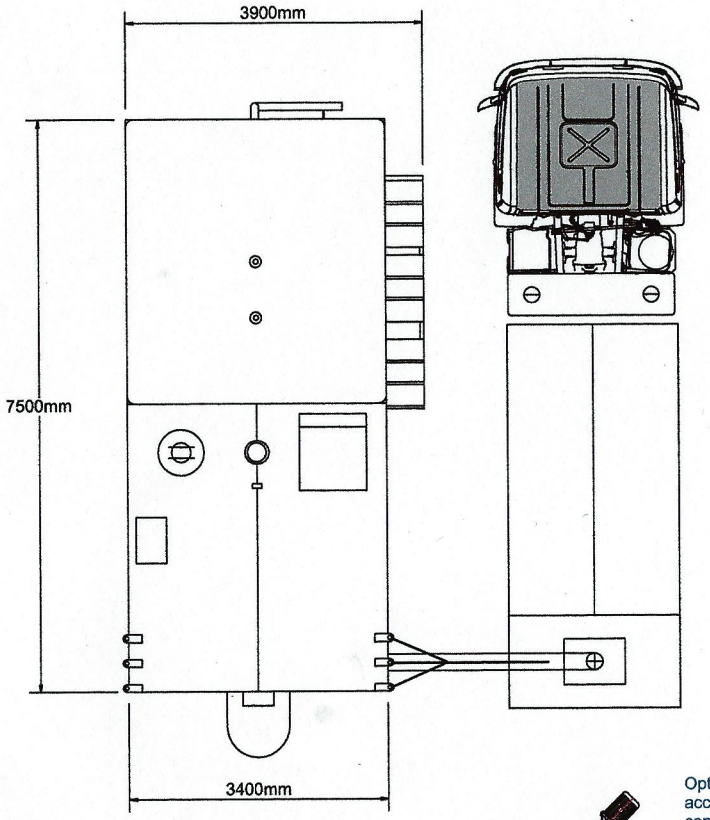
F. 01625 856688
E. sales@armcon.com
Registered In England No.2678983

CERTAINTY IN CONCRETE

FILLING STATION



SPECIFICATION

CEMENT CAPACITY: 50 TONNES (CEMENT @ 1.3 SG)

CEMENT OUTPUT BY 219MM SCREW CONVEYOR TRUCK FILL TIME 3 MINUTES APPROX.

WATER CAPACITY: 5000 LITRES

WATER OUTPUT BY 40MM HOSE AND Q/R COUPLING

ADMIXTURE STORAGE: 3 X 205 LITRE DRUMS

ADMIXTURE OUTPUT VIA 19MM HOSE WITH TAP AT END

REQUIREMENTS

ELECTRICAL SERVICE REQUIRED: 400VOLT 3PH+N 50HZ SUPPLY

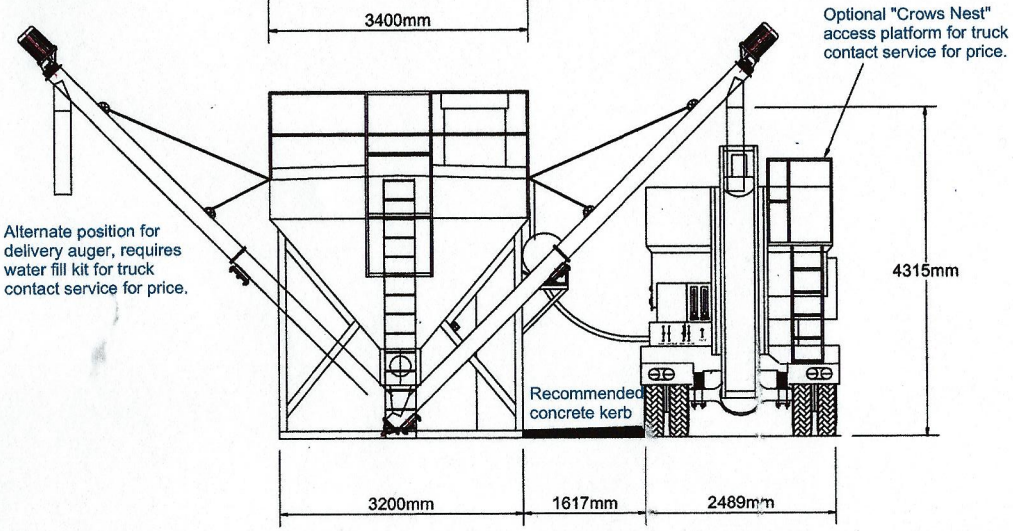
ELECTRICAL CURRENT: 63 AMPS PER PHASE

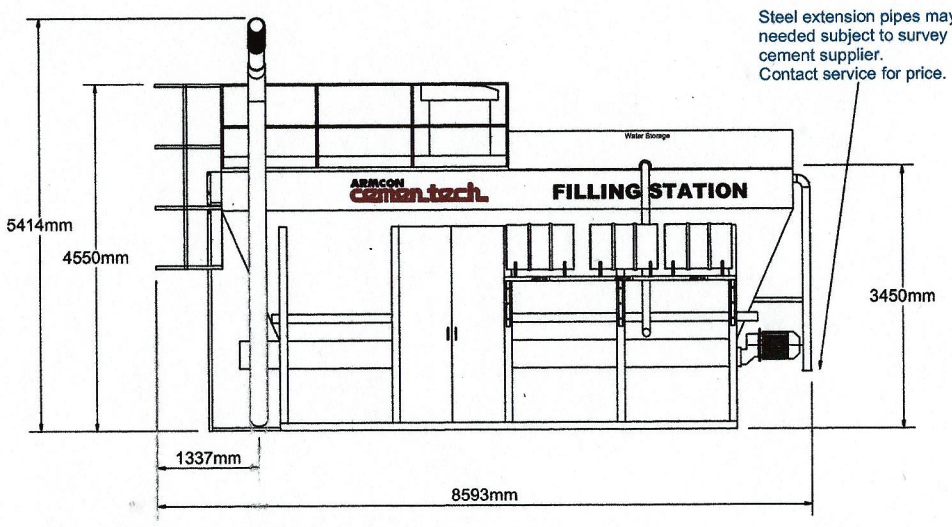
WATER CONNECTION: 25MM

EMPTY WEIGHT: 5,500KG

BASE MUST BE LEVEL OVER LENGTH AND WIDTH OF UNIT

PLEASE CONSULT A STRUCTURAL ENGINEER TO ENSURE YOUR BASE IS ADEQUATE





DEVIATIONS FROM THIS LAYOUT ARE THE RESPONSIBILITY OF THE CUSTOMER.

(5)

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CERTAINTY IN CONCRETE

CONTENTS

Section 1
- Documentation

Section 2
- Safety System

Section 3
- Wiring Diagrams

Section 4
- Air and Water Systems

Section 5
- Manhole Cover

Section 6
- Pressure Relief Valve

Section 7
- Silotop Filter

Section 8
- SU Delivery Auger

Section 9
- ES Transfer Auger

Section 10
- Maintenance Schedule
- Water Bladder Tank

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CERTAINTY IN CONCRETE

DECLARATION OF CONFORMITY

Description: Armcon Cementech Filling Station

Serial No.: FS500828

This product complies with the following European Union Directives:

- Machinery Directive 98/37/EC & EU Low Voltage Directive 73/23/EEC
- Noise Emission in the Environment by Equipment for use Outdoors Regulations 2001, European Directive 2000/14/EC as amended by 2005/88/EC
- Guaranteed Sound Power Level **109 dB** (LWAd) tested in accordance with ISO 3744 and 2001/14/EC. Test report No.1449
  Measured Sound Level 107 dB (LWAd)
  Assessment carried out by Notified Body
  AV Technology Limited, Avtech House, Birdhall Lane, Cheadle Heath, Stockport, SK3 0XX
- Electro magnetic compatibility directive 89/336/EEC

Authorised by: Richard Calder

Mr Richard Calder
Technical Manager
Armcon Limited

Date: 13th December 2007

Technical documentation kept by: Mr Richard Calder on the manufacturer's premises

ARMCON cementech

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CERTAINTY IN CONCRETE

Armcon Cementech Filling Station Specification

Capacity:	48 tonne approx. at cement density 1.3.
Main Body:	5 mm steel plate. Maximum envelope size for transport 8000mm long x 3500mm wide x 4000mm
Supporting structure:	100mm x 100mm x 6mm steel hollow section.
Transit Conveyor:	250mm diameter Horizontal auger 6000mm long 11kw power requirement
Delivery Conveyor:	219mm diameter, 6300mm long at 45° Inclined 7.5kw power requirement. Delivery Rate = 1 tonne per minute (Theoretical) Mounted to left or right to suit site.
Safety System:	Normally closed butterfly shut-off valve, high level audible and visual alarm, emergency stop, filter pressure gauge, pressure relief valve and mute pushbutton.
Reverse Air Jet Filter:	Cartridge type filter, 24.5M² filter surface.
Cement Fill Pipe:	4" Unicone fitting centrally placed at opposite end to delivery auger.
Access Ladder, Walkway and handrails:	Hooped ladder centrally placed at delivery auger end. All to BS 5395 Part 3 (1985) or BS 4211 (1994) as appropriate to give safe access to top of silo equipment.
Water Tank:	Low profile flexible "bladder" type tank mounted on top of silo, 1 1/2" outlet and 22mm inlet. Can be mounted left or right handed. Header tank provided, connection to mains by customer.
Lockable Cabinet:	Enclosed cabinet for control panels, compressor and storage area for tools and equipment.
Admixture Storage:	Storage rack for 3 No. 210 litre drums on side of silo. Three No. 3 metre x ¾" fill pipes complete with nozzle and fittings
Pendant Control:	Pendant switch for cement on/off at fill point.
Paint Finish:	Self etch primer and topcoat of White RAL 9003
Electric Supply:	63 amps per phase, mains connection by customer.

ARMCON cemen.tech

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CERTAINTY IN CONCRETE

ORDERING PARTS

Please follow this simple procedure:-

1. Using your Manual, identify the parts you require in the relevant sections of the exploded drawings.
2. Note the Part Numbers and Quantities.
3. Call the Armcon Parts Department on 0800 083 2401.
4. You will need to give the Serial Number of your machine (FS500828) and the Part Numbers you require.
5. We will quote prices, delivery cost and availability. We will request an Order Number.
6. Parts ordered before 13:00 will be despatched on the same day, please ask for next day delivery if required.

Any enquiries our Sales Team are unable to answer will be referred to our Technical Department.

Appendix B

Part B Environmental Permit Application Form

Part B Application form

Application for a Permit

Local Authority Pollution Prevention and Control
Pollution Prevention and Control Act, 1999
Environmental Permitting (England and Wales) Regulations 2007

Introduction

When to use this form
This regime is known as Local Authority Pollution Prevention and Control, LAPPC. Installations permitted under this regime are known as B installations. Use this form if you are sending an application for a 'Part B' permit to a Local Authority under the Environmental Permitting (England and Wales) Regulations 2007 ("the EP Regulations").

Before you start to fill in this form
Please read the Defra general guidance manual issued for LA-IPPC and LAPPC. This contains a list of other documents you may need to refer to when you are preparing your application, and explains some of the technical terms used. You will also need to read the relevant sector guidance note, BREF note or Process Guidance note as relevant. Environmental Permitting (England and Wales) Regulations 2007 can be obtained from The Office of Public Sector Information, or viewed on their website at: http://www.opsi.gov.uk/si/si2007/uksi_20073538_en_1

Which parts of the form to fill in
You should fill in as much of this form as possible. The appropriate fee must be enclosed with the application to enable it to be processed further. When complete return to:

Environmental Health, Craven District Council, Council Offices, Granville Street, Skipton North Yorkshire, BD23 1PS

Other documents you may need to submit

There are number of other documents you may need to send us with your application. Each time a request for a document is made in the application form you will need to record a document reference number for the document or documents that you are submitting in the space provided on the form for this purpose. Please also mark the document(s) clearly with this reference number and the application reference number, if you have been given one, which will be at the top of the form overleaf. If you do not have either of these, please use the name of the installation.

Using continuation sheets
In the case of the questions on the application form itself, please use a continuation sheet if you need extra space; but please indicate clearly on the form that you have done so by stating a document reference number for that continuation sheet. Please also mark the continuation sheet itself clearly with the information referred to above.

Copies
Please send the original and 3 copies of the form and all other supporting material, to assist consultation.

If you need help and advice

We have made the application form as straightforward as possible, but please get in touch with us at the local authority address given above if you need any advice on how to set out the information we need.

LAPPC Application Form: to be completed by the operator		
For Local Authority use		
Application Reference:	Officer Reference:	Date received:

A1.1 Name of the installation

A1.2 Please give the address of the site of the installation

FAIRHURST CONCRETE LIMITED, LANGCLIFFE MILL, STAINFORTH ROAD

LANGCLIFFE, SETTLE, NORTH YORKSHIRE

Postcode BD24 9NP Telephone 01524 271160

Ordnance Survey national grid reference *8 characters,*
for example, SJ 123 456

□□ □□□ □□□

A1.3 Existing authorisations:
Please give details of any existing LAPC or IPC authorisation for the installation, including reference number(s):

Please provide the information requested below about the "Operator", which means the person who it is proposed will have control over the installation in accordance with the permit (if granted)

A2.1 The Operator – Please provide the full name of company or corporate body

FAIRHURST CONCRETE LIMITED

Trading/business name (if different)

Registered Office address
LANGCLIFFE MILL, STAINFORTH ROAD, LANGCLIFFE, SETTLE,

NORTH YORKSHIRE

Postcode: BD24 9NP

Principal Office address (if different)

Postcode:

Company registration number

07484345

A2.2 Holding Companies

Is the operator a subsidiary of a holding company within the meaning of Section 736 of the Companies Act 1985?

No ☑

Yes ☐ *name of ultimate holding company*

Registered office address

Postcode

Principal Office address (if different)

Postcode

Company registration number:

A3.1 Who can we contact about your application?

It will help to have someone who we can contact directly with any questions about your application. The person you name should have the authority to act on behalf of the operator. This could be an agent or consultant rather than the operator.

Name MISS CLAIRE FINNEY

Position CONSULTANT

Address TERRACONSULT LTD, BOLD BUSINESS CENTRE, BOLD LANE,

SUTTON, ST HELENS

Postcode WA9 4TX

Telephone number 01925 291111

Fax number

E. Mail address claire.finney@teraconsult.co.uk

B1 About the Installation

Please fill in the table below with details of all the current activities in operation at the whole installation.

In **Column 1a *Activities in the stationary technical unit***
Please identify all activities listed in Schedule 1 to the EP Regulations that are, or are proposed, to be carried out in the stationary technical unit of the installation.

In **Column 1b *Directly associated activities***
Please identify any directly associated activities that are, or are proposed, to be carried out on the same site which:

* have a technical connection with the activities in the stationary technical unit
* could have an effect on pollution

In **column 2a and b Schedule 1 references**, please quote the Chapter number, Section number, then paragraph and sub-paragraph number as shown in Part 1 of Schedule 1 to the EP Regulations. For example, *Manufacturing glass where the use of lead or any lead compound is involved*, would be listed as Chapter 3, Section 3.3, Part B(b).

B1.1 Installation table for new permit application

COLUMN 1a	**COLUMN 2a**
Activities in the Stationary Technical Unit	**Schedule 1 References**
	Schedule 1, Part 2
	Chapter 3, Section 3.1,
	Part B (a)
COLUMN 1b	**COLUMN 2b**
Directly associated activities	**Schedule 1 References**

B2.3 For each emission identified from the installations' activities describe the current and proposed technology and other techniques for preventing or, where that is not practicable reducing the emissions. If no techniques are currently used and the emission goes directly to the environment, without abatement or treatment this should be stated

Doc Reference: 3526\R\001\01

B2.4 Describe the proposed systems to be used in the event of unintentional releases and their consequences. This must identify, assess and minimise the environmental risks and hazards, provide a risk based assessment of any likely unintentional releases, including the use of historical evidence. If no assessments have been carried out please state.

Doc Reference: 3526\R\001\01

B2.5 Describe the proposed measures for monitoring all identified emissions including any environmental monitoring, and the frequency, measurement methodology and evaluation procedure proposed. (e.g. particulate matter emissions, odour etc). Include the details of any monitoring which has been carried out which has not been requested in any other part of this application. If no monitoring is proposed for an emission please state the reason.

Doc Reference: 3526\R\001\01

B2.6 Provide detailed procedures and policies of your proposed environmental management techniques, in relation to the installation activities described.

Doc Reference: 3526\R\001\01

B3 Impact on the Environment

B3.1 Provide an assessment of the potential significant local environmental effects of the foreseeable emissions (for example, is there a history of complaints, is the installation in an air quality management area ?)

Doc Reference: 3526\R\001\01

B3.2 Are there any sites of special scientific interest (SSSIs) or European Sites which are within 2 kilometres of the installation?

No ☐
Yes ☑ *please give names of the sites*

DOC REFERENCE: 3526\R\001\01

B3.3 Provide an assessment of whether the installation is likely to have a significant effect on such sites and, if it is, provide an assessment of the implications of the installation for that site, for the purposes of the Conservation (Natural Habitats etc) Regulations 1994.

Doc Reference: 3526\R\001\01

B4 Environmental Statements

B4.1 Has an environmental impact assessment been carried out under The Town and Country Planning (Environmental Impact Assessment)(England & Wales) Regulations 1999, or for any other reason with respect to the installation.

No ☑
Yes ☐ *Please supply a copy of the environmental impact assessment and details of any decision made*

Doc Reference: N/A

B5 Additional information

Please supply any additional information which you would like us to take account of in considering this application.

Doc Reference 3526/R/001/01

C1 Fees and Charges

The enclosed charging scheme leaflet gives details of how to calculate the application fee. Your application cannot be processed unless the application fee is correct and enclosed.

C1.1 Please state the amount enclosed as an application fee for this installation.

£ 1650.00. Cheques should be made payable to : Craven District Council

We will confirm receipt of this fee when we write to you acknowledging your application.

C1.2 Please give any company purchase order number or other reference you wish to be used in relation to this fee.

C2 Annual charges

If we grant you a permit, you will be required to pay an annual subsistence charge, failure to do so will result in revocation of your permit and you will not be able to operate your installation.

C2.1 Please provide details of the address you wish invoices to be sent to and details of someone we may contact about fees and charges within your finance section.

Fairhurst Store Merchants Limited, Stainforth Road, Langcliffe Mill, Stainforth, Settle

Postcode: BD24 9NP Telephone: 01729 823068 x3

C3 Commercial confidentiality

C3.1 Is there any information in the application that you wish to justify being kept from the public register on the grounds of commercial confidentiality ?

No ☑

Yes ☐

Please provide full justification, considering the definition of commercial confidentiality within the EP regulations.

Doc Reference

C3.2 Is there any information in the application that you believe should be kept from the public register on the grounds of national security ?

No ☑

Yes ☐

Do not write anything about this information on the form. Please provide full details on separate sheets, plus provide a copy of the application form to the Secretary of State for a Direction on the issue of National Security.

C4 Data Protection

The information you give will be used by the Local Authority to process your application. It will be placed on the relevant public register and used to monitor compliance with the permit conditions. We may also use and or disclose any of the information you give us in order to:

- consult with the public, public bodies and other organisations,
- carry out statistical analysis, research and development on environmental issues,
- provide public register information to enquirers,
- investigate possible breaches of environmental law and take any resulting action,
- prevent breaches of environmental law,
- assess customer service satisfaction and improve our service.

We may pass on the information to agents/ representatives who we ask to do any of these things on our behalf.

It is an offence under Regulation 32 of the EP regulations, for the purpose of obtaining a permit (for yourself or anyone else) to:

- make a false statement which you know to be false or misleading in a material particular,
- recklessly make a statement which is false or misleading in a material particular.

If you make a false statement

- we may prosecute you, and
- if you are convicted, you are liable to a fine or imprisonment (or both).

C5 Declaration

C5.1 Signature of current operator(s)*

I / We certify that the information in this application is correct. I / We apply for a permit in respect of the particulars described in this application (including supporting documentation) I / We have supplied.

Please note that each individual operator must sign the declaration themselves, even if an agent is acting on their behalf.

For the application from:

Installation name: Fairhurst Stave Merchants Ltd

Signature E R Fairhurst

Name EDWARD FAIRHURST.

Position MANAGING DIRECTOR

Date 20 MARCH 2018

Signature E R Fairhurst

Name EDWARD FAIRHURST.

Position MANAGING DIRECTOR.

Date 20 MARCH 2018

* Where more than one person is defined as the operator, all should sign. Where a company or other body corporate – an authorised person should sign and provide evidence of authority from the board of the company or body corporate.