



**POLLUTION PREVENTION AND CONTROL ACT 1999
ENVIRONMENTAL PERMITTING (ENGLAND AND WALES) REGULATIONS 2016
as amended**

Permit Number: 3.5/099975/LR

**Installation Address:
Sheffield Coated Stone Limited
Woodside Depot
Rutland Street
Sheffield
S3 9PA**

In accordance with Regulation 13 of the Environmental Permitting (England and Wales) Regulations 2016, as amended, Sheffield Coated Stone Limited, is hereby permitted to operate a scheduled activity at the address detailed above, namely the Coating of Roadstone with Bitumen as described in Schedule 1, Part 2, Chapter 3, Section 3.5, Part B, subsection (e) and subject to the following Permit.

Signed

Dated this day: 14.01.2022

**Dominic Stokes
Commercial Team Manager
Authorised by Sheffield City Council to sign on their behalf**

The Secretary of States Guidance PG 3/15(12) Roadstone Coating has provided the framework for the conditions in this Permit.

Name & Address of Operator:

Sheffield Coated Stone Limited
Woodside Depot
Rutland Street
Sheffield
S3 9PA

Site Contact: John Corker Tel: 0114 327 3393
email address: hello@sheffieldcoatedstone.co.uk

Registered Office:

Sheffield Coated Stone Limited
Woodside Depot
Rutland Street
Sheffield
S3 9PA

Company Registration Number: 07134005

Address of Permitted Installation:

Sheffield Coated Stone Limited
Woodside Depot
Rutland Street
Sheffield
S3 9PA

Talking to Us

Any communication with Sheffield City Council should be made to the following address quoting the Permit number.

Environmental Protection Service

Sheffield City Council
5th Floor (North)
Howden House
1 Union Street
Sheffield
S1 2SH
Telephone: (0114) 273 4651
Email: ippc@sheffield.gov.uk

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Explanatory Note to Pollution Prevention and Control Permit for Part B Installations

The following Permit is issued under Regulation 13 of the Environmental Permitting (England and Wales) Regulations 2016, as amended (Statutory Instrument 1154), (“the EP Regulations”) to operate an installation carrying out activities covered by the description in Schedule 1, Part 2, Chapter 3, Section 3.5, Part B, subsection (e) of those Regulations, to the extent authorised by the Permit:

Chapter 3, Mineral Industries, Section 3.5 Other Mineral Activities, Part B(e) Coating road stone with tar or bitumen

Process Changes

As part of your permit you are required to notify the Council of any proposed change in operation at least 14 days before making the change. This must be in writing and must contain a full description of the proposed change in operation and the likely consequences. Failure to do so is an offence.

If you consider that a proposed change could result in the breach of the existing permit conditions or is likely to require the variation of permit conditions, then you may apply in writing under Regulation 20(1) of the EP Regulations. Additionally, if this involves a SUBSTANTIAL CHANGE to the installation you will be required to submit an application, pay the relevant fee and advertise the application accordingly. You may serve a Notice on the Council requesting that they determine whether any change that is proposed would constitute a substantial change before you proceed with application.

Variations to the Permit

The Permit may be varied in the future (by the Council serving a Variation Notice on the Operator). If the Operator itself wants any of the Conditions of the Permit to be changed, a formal Application must be submitted.

Surrender of the Permit

Where the operator of a Part B installation or mobile plant ceases or intends to cease the operation of the activity the operator may notify the regulator of the surrender of the whole permit, in any other case, notify the regulator of the surrender of the permit in so far as it authorises the operation of the installation or mobile plant which he/she has ceased or intends to cease operating. The notification shall contain information as described in Regulation 24 or 25 of the EP Regulations.

Transfer of the Permit or Part of the Permit

Before the Permit can be wholly or partially transferred to another person, a joint application to transfer the Permit has to be made by both the existing and proposed holders, in accordance with Regulation 21 of the EP Regulations. A transfer will be allowed unless Sheffield City Council considers that the proposed holder will not be the person who will have control over the operation of the installation or will not ensure compliance with the conditions of the transferred Permit.

Annual Subsistence Fee

In accordance with Regulation 66 of the EP Regulations, the holder of a permit is required to pay a fee for the subsistence of the Permit. This fee is payable annually on 1st April. You are advised that under the provisions of Regulation 66 (5) of the EP Regulations, if you fail to pay the fee due promptly, Sheffield City Council may revoke the Permit. You will be contacted separately each year in respect to this payment.

Public Register

The Council is required by Regulation 46 of the EP Regulations to maintain a Public Register containing information on all LAPPC installations and mobile plant. The register is available for inspection by the public free of charge during office hours (Monday to Friday 9.00 am to 5.00 pm) at the following address:

Environmental Protection Service

Sheffield City Council
5th Floor (North)
Howden House
1 Union Street
Sheffield
S1 2SH
Telephone: (0114) 273 4651
Email: ippc@sheffield.gov.uk

Confidentiality

Sheffield City Council has a duty to consider the question of confidentiality of information supplied to it. If any information supplied is considered confidential, a statement of which information this applies to and the reasons why it is considered confidential should be specified. The Operator is reminded that he may apply to Sheffield City Council for the exclusion of information from the public register under the provisions of the Environmental Permitting (England and Wales) Regulations 2016, as amended.

Appeals

Under Regulation 31 of the EP Regulations operators have the right of appeal against the conditions attached to their permit. Schedule 6 of the EP Regulations sets out the detailed procedures.

Appeals against a Variation Notice do not have the effect of suspending the operation of the Notice. Appeals do not have the effect of suspending Permit conditions.

Notice of appeal against the conditions attached to the permit must be given within six months of the date of the Notice, which is the subject matter of the appeal.

How to Appeal

There are no forms or charges for appealing. However, for an appeal to be valid, appellants (the person/operator making the appeal) are legally required to provide:

- Written notice of the Appeal;
- A statement of the grounds of Appeal;
- A statement indicating whether the appellant wishes the appeal to be dealt with by written representations procedure or a hearing - a hearing must be held if either the appellant or enforcing authority requests this, or if the Planning Inspector or the Secretary of State decides to hold one.
- (Appellants must copy the above three items to the local authority when the appeal is made)
- A copy of any relevant Application;
- A copy of any relevant Permit;
- A copy of any relevant correspondence between the appellant and the regulator; and
- A copy of any decision or notice, which is the subject matter of the appeal.

Where to Send Your Appeal Documents

Appeals should be addressed to:

**The Planning Inspectorate
Environmental Appeals Administration
Room 4/19 - Eagle Wing
Temple Quay House
2 The Square
Temple Quay
Bristol BS1 6PN**

In the course of an Appeal process, the main parties will be informed of the procedural steps by the Planning Inspectorate.

To withdraw an Appeal the Appellant must notify the Planning Inspectorate, in writing, and copy the notification to the local authority.

Definitions

In relation to this Permit, the following expressions shall have the following meanings:

“Application” means the application for this Permit, together with any response to a notice served under Schedule 4 to the EPR Regulations and any operational change agreed under the conditions of this Permit.

“EPR Regulations” means the Environmental Permitting (England and Wales) Regulations S.I.2016 No. 1154 (As Amended) and words and expressions defined in the EPR Regulations shall have the same meanings when used in this Permit save to the extent they are explicitly defined in this Permit.

“Permitted Installation” means the activities and the limits to those activities described in this Permit.

“Monitoring” includes the taking and analysis of samples, instrumental measurements (periodic and continual), calibrations, examinations, tests and surveys.

“Regulator” means any officer of Sheffield City Council who is authorised under section 108(1) of the Environment Act 1995 to exercise, in accordance with the terms of any such authorisation, any power specified in Section 108(1) of that Act.

“BAT” means the most effective and advanced stage in the development of activities and their methods of operation which indicates the practical suitability of particular techniques for providing in principle the bases for emission limit values designed to prevent, and where that is not practical, generally to reduce emissions and the impact on the environment as a whole. For those purposes:

“Available techniques” means those techniques which have been developed on a scale which allows implementation in the relevant industrial sector, under economically and technically viable conditions, taking into consideration the cost and advantages, whether or not the techniques are used or produced inside the United Kingdom, as long as they are reasonably accessible to the Operator;

“Best” means, in relation to techniques, the most effective in achieving a high general level of protection of the environment as a whole; *“techniques”* include both the technology used and the way in which the installation is designed, built, maintained, operated and decommissioned. Schedule 2 of the Regulations shall have effect in relation to the determination of best available techniques;

“Fugitive Emission” means an emission to air from the permitted installation that is not controlled by an emission limit imposed by a condition of this Permit.

Description of Activities

The production of approximately 300 tonnes per week of asphalt using a Marini BE1500 Batch Plant incorporating a rotary drier served by a burner with a net rated thermal input of 7 MW. The primary fuel source for the burner is natural gas, with a permitted secondary fuel source of gas oil which conforms to BS2869:2006 Classes A2 and D for use as a back-up.

The permit covers all ancillary operations such as the delivery of materials, storage of raw materials, loading of aggregate into the plant and the storage and dispatch of wastes and final products as carried out within the process boundary marked in red on the plan shown in Schedule 2 to this Permit.

Emissions from the stack serving the rotary drier are isokinetically sampled every six months. Arrestment of particulates from the drying process is with bag filtration.

Bitumen storage tanks and filler silos are equipped with high-level alarms, pressure monitors and pressure relief valves.

Conditions of Permit

All conditions are required to be complied with immediately unless otherwise stated.

Section 1 – Upgrading

- 1.1 Prior to operation, the Operator shall provide details of stack height calculations for the stack serving the rotary drier carried out in accordance with HMIP Technical Guidance Note (Dispersion) D1. The Operator may use an alternative relevant technical document to calculate the appropriate stack height with prior approval in writing from the Regulator. The report shall also include the current stack height. The report shall be submitted to the Regulator for approval in writing.
- 1.2 Where the D1, or other stack height calculation, required by condition 1.1 demonstrates that the current stack height does not meet the appropriate requirements, the stack shall be extended to the appropriate height prior to starting operations.

Section 2 - Emissions and Monitoring

- 2.1 No visible particulate matter shall be emitted beyond the installation boundary.
- 2.2 The emission requirements and methods and frequency of monitoring set out in Schedule 1 (Table 1: Emission limits, monitoring and other provisions) shall be complied with. Sampling shall be representative.
- 2.3 At least 7 days prior to any non-continuous monitoring being carried out, the Operator shall ensure that site specific monitoring protocols are submitted to the Regulator for approval. The monitoring protocols shall include the proposed date and time of the testing, the method to be used and the pollutants to be monitored.
- 2.4 Non-continuous monitoring of particulate matter as required by condition 2.2 shall first be undertaken within two months of starting operations, and six-monthly thereafter.
- 2.5 The results of the six-monthly non-continuous emissions testing shall be forwarded to the Regulator within 8 weeks of completion of the testing.
- 2.6 Where the results of the non-continuous monitoring exceed the emission concentration limit of 50mg/m³, the Operator shall inform the Regulator no later than 10:00 hours the following working day after receipt of the results of the emissions testing.

2.7 Adverse results from any monitoring activity (both continuous and non-continuous) shall be investigated by the Operator as soon as the monitoring data has been obtained. The Operator shall:

- identify the cause and take corrective action;
- clearly record as much detail as possible regarding the cause and extent of the problem, and the remedial action taken;
- re-test to demonstrate compliance as soon as possible; and
- inform the Regulator of the steps taken and the re-test results.

2.8 The Operator shall keep records of inspections, tests and monitoring, including all non-continuous monitoring, inspections, alarm events and visual assessments. The records shall be:

- kept on site;
- kept by the Operator for at least two years; and
- made available for the Regulator to examine.

Section 3- Maintenance

3.1 All plant and equipment capable of causing or preventing emissions, and all monitoring devices, shall be calibrated and maintained in accordance with the manufacturer's instructions. Records shall be kept of such maintenance.

3.2 The Operator shall keep a written maintenance programme in relation to permitted pollution control equipment. The programme shall be made available to the Regulator upon request.

Section 4- Silos and Tanks

4.1 Fillers shall only be stored within silos.

4.2 Bitumen and other binders shall only be stored within designated storage tanks.

4.3 Dust emissions from loading or unloading road tankers shall be minimised by back venting to a delivery tanker fitted with an on-board, truck mounted relief valve and filtration system, and by connecting transfer lines first to the delivery inlet point and then to the tanker discharge point, and by ensuring delivery is at a rate which does not pressurise the silos.

4.4 Silos and tanks shall be fitted with high-level alarms, pressure monitoring and pressure relief valves to prevent overfilling.

4.5 High-level alarms, pressure monitors and pressure relief valves shall be checked as per the manufacturer's instructions, weekly or before every delivery (depending on which interval is the longer).

4.6 Displaced air from pneumatic transfer shall pass through filters prior to emission to air.

-
- 4.7 When loading filler silos and bitumen tanks, deliveries shall stop automatically where over-pressurisation or over-filling is identified.
 - 4.8 If emissions of particulate matter are visible from ducting, pipework, the pressure relief device or dust arrestment plant during silo filling, the operation shall cease, and the cause of the problem shall be rectified prior to further deliveries taking place.

Section 5- Bitumen Handling

- 5.1 The temperature gauge on all hot binder storage tanks shall be displayed. A high temperature trip advice, to prevent overheating shall be operational at all times.

Section 6- Aggregates Delivery and Storage

- 6.1 Dusty materials (including dusty wastes) shall only be stored in designated covered bays as detailed on the installation layout plan (shown in Schedule 3 to this Permit) and shall be subject to suppression and management techniques to minimise dust emissions.
- 6.2 All feed hoppers containing potentially dusty materials shall be located within a structure consisting of at least three walls and a roof.

Section 7- Belt Conveying

- 7.1 Where dusty materials are conveyed, the conveyor and any transfer points shall be enclosed to such an extent as to minimise the generation of airborne dust.
- 7.2 Conveyors shall be fitted with belt scrapers for keeping the return belt clean, and a means for collecting materials removed by this cleaning operation.

Section 8- Loading, Unloading and Transportation

- 8.1 Where road vehicles are used to transport potentially dusty materials, they shall be sheeted or otherwise totally enclosed as soon as possible after loading and before leaving the site. Potentially dusty materials imported by road shall be brought onto site in sheeted vehicles.

Section 9 - Roadways

- 9.1 All areas where there is regular movement of vehicles shall have a consolidated surface capable of being cleaned, and these surfaces shall be kept clean and in good repair.
- 9.2 Vehicles shall not track material from the site onto the highway. Cleaning facilities shall be provided and used by vehicles before leaving site if there is visible dust that requires removal.

Section 10 – Techniques to Control Fugitive Emissions

10.1 All process buildings including semi-enclosed buildings shall be maintained so as to minimise visible dust emissions.

10.2 All process buildings shall be cleaned as required, to minimise fugitive emissions.

Section 11- Records and Training

11.1 Staff at all levels shall receive training and instructions necessary for their duties and shall include the following:

- Responsibilities under the Permit
- Minimisation of emissions
- Actions during abnormal emissions including dust suppression

11.2 The Operator shall keep and maintain a statement of training requirements for each operational post and keep a record of the training received by each employee whose actions may have an impact on emissions. These documents shall be made available to the Regulator on demands.

11.3 The Operator shall ensure that all records required to be made by this Permit and any other records made in relation to the operation of the permitted process shall:

- be made available for inspection by the Regulator at any reasonable time;
- be supplied to the Regulator on demand and without charge;
- be legible;
- be made as soon as reasonably practicable;
- indicate any amendments which have been made and shall include the original record wherever possible, and be retained at the Permitted installation, or other location agreed by the Regulator in writing, for a minimum period of 2 years from the date when the records were made, unless otherwise agreed in writing.

Section 12 – Fuel Source

12.1 The fuel source permitted to fuel the burner is natural gas. Gas oil is permitted to be used as a back-up. In the event that gas oil is required to be used on site, the operator shall:

- notify the Operator in writing prior to its use, detailing the length of time the gas oil will be used for and the estimated amount;
- record the reason for using the gas oil and the remedial action taken to address it;
- record the quantity of gas oil used.

12.2 The sulphur content of the gas oil shall be no greater than 0.1% wt/wt.

Section 13 – Best Available Techniques

13.1 The best available techniques shall be used to prevent or, where that is not practicable, reduce emissions from the installation in relation to any aspect of the operation of the installation which is not regulated by any other condition of this permit.

Section 14 - General Conditions

14.1 The Operator shall notify the following to the Regulator, in writing, within 14 days of their occurrence.

- Any change in the trading name, registered name or registered office address.
- A change to any particulars of any ultimate holding company (including details of an ultimate holding company where the company has become a subsidiary).
- Any steps taken with a view to going into administration, entering into a company voluntary arrangement or being wound up.

14.2 The Operator shall notify the Regulator **without delay** of:

- the detection of an emission of any substance, which exceeds any limit or criterion in this Permit, specified in relation to the substance;
- the detection of any fugitive emission that has caused, is causing or may cause significant pollution, unless the quantity emitted is so trivial that it would be incapable of causing significant pollution;
- the detection of any malfunction, breakdown or failure of plant or techniques which has caused, is causing or has the potential to cause significant pollution;
- any accident, which has caused, is causing or has the potential to cause significant air pollution.

14.3 The Operator shall give written notification to the Regulator in the following instances.

- Permanent cessation of the operation of any part of, or all of the Permitted Installation.
- Cessation of the operation of any part of, or all of the Permitted Installation for a period likely to exceed 1 year.
- Resumption of the operation of any part of, or all of the permitted installation after a cessation notified under (b) above.

14.4 All reports and notifications required by this Permit, or under any Regulation under the Environmental Permitting Regulations 2016, as amended, shall be sent to the Regulator. Unless notified in writing, all reports, notifications and communications in respect of this Permit shall be sent to:

epsadmin@sheffield.gov.uk or jppc@sheffield.gov.uk or

**Sheffield City Council Environmental Protection Service
Floor 5 Howden House
1 Union Street
Sheffield, S1 2SH.**

END OF CONDITIONS

Please Note

Where complaint is attributable to the operation of the installation and is, in the opinion of the Local Authority, justified, or if new knowledge develops on the potential for harmful effects from emissions, an immediate review of the Permit shall be undertaken. The Local Authority shall subsequently specify any new requirements and compliance time scales.

An annual subsistence fee as prescribed by the Secretary of State for the Environment shall be payable, for this Permit, by the process Operator, to this Authority within 2 weeks of the 1st of April of each year.

In the event that the Permit has been issued after the 1st of April in the initial year then the subsistence fee shall be pro rata for the complete months remaining and shall be due within 2 weeks of the Permit issue date.

If the relevant payment is not received by the Regulator, Sheffield City Council's Environmental Protection Service, then Permit revocation procedures may be initiated.

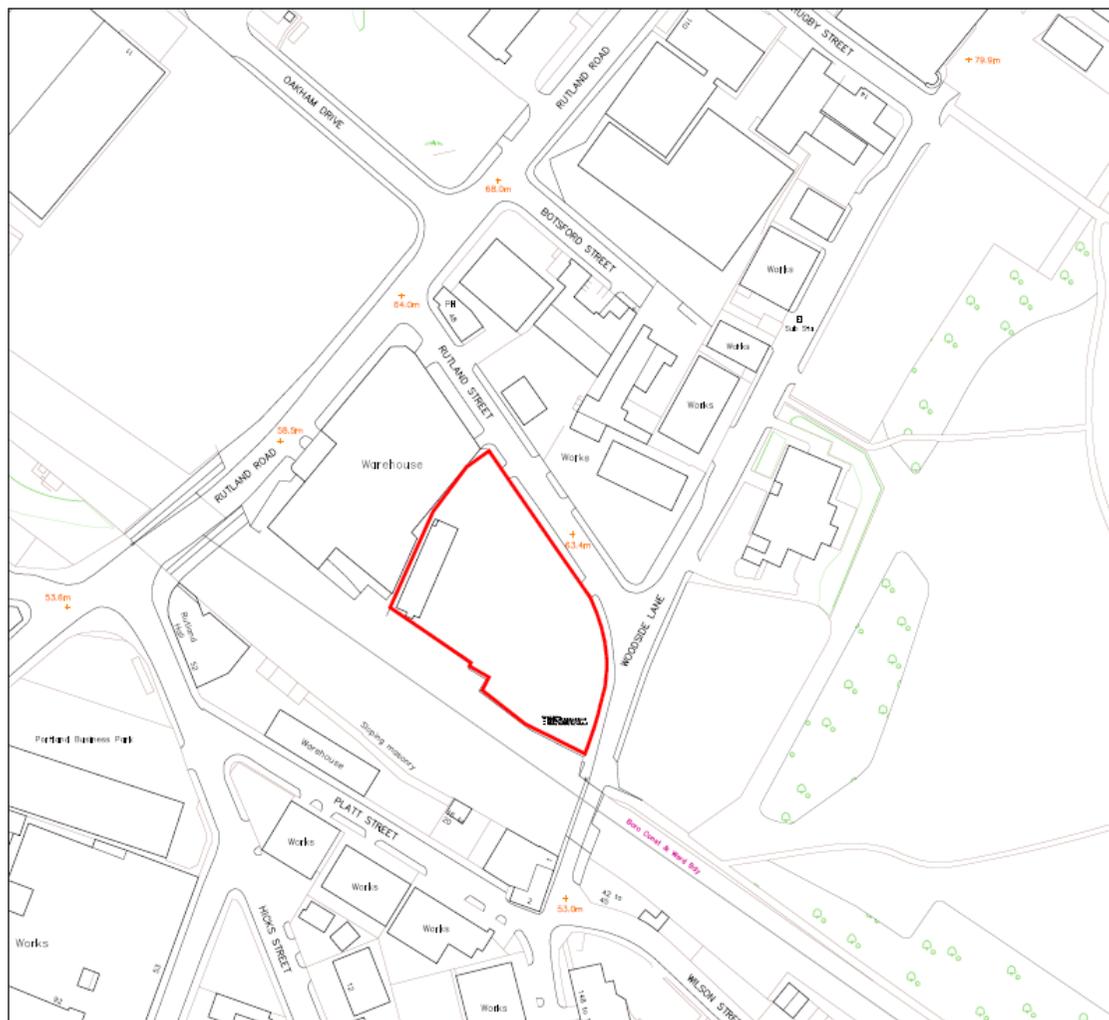
Schedule 1

Table 1 Emission limits, monitoring and other provisions

Row	Substance	Source	Emission limits / provisions	Type of monitoring	Monitoring frequency
Whole site and all authorised emission points					
1	Visible emissions	Site	No visible emissions to cross site boundary	Operator observations	Once a day
2	Visible emission	All authorised emission points	No abnormal emission	Operator observations	
3	Droplets, persistent mist, fume and smoke	All emissions to air (except steam and condensed water vapour)	No droplets, no persistent mist, no persistent fume, No visible smoke except during start up of coating plant and then no darker than Ringelmann 1	Visual observations	On start-up and on at least two more occasions during the working day
Roadstone coating plant					
4	Particulate matter	Roadstone coating plant existing at 1 July 2004, except where new or replacement arrestment equipment is fitted	Where currently achieved: 50 mg/m ³ Where 50 mg/m ³ currently achieved, but only inconsistently: 100 mg/m ³ PLUS efforts should be made to improve consistency. Where 50 mg/m ³ currently not achieved: 100 mg/m ³	EITHER: Periodic, quantitative, 6 monthly OR: Periodic, quantitative, annual monitoring; plus continuously recorded filter leak monitoring	
5	Particulate matter	Since 1 July 2004: new roadstone coating plant, and roadstone coating plant with new or replacement arrestment equipment	50 mg/m ³		
6	Sulphur dioxide	All activities using heavy fuel oil or other residual type/comparable Quality Protocol Processed Fuel Oil	1% wt/wt sulphur in fuel	Sulphur content of fuel is regulated under the Sulphur Content of Liquid Fuels Regulations	

7	Sulphur dioxide	All activities using gas oil/ comparable Quality Protocol Processed Fuel Oil	0.1% wt/wt sulphur in fuel	Sulphur content of fuel is regulated under the Sulphur Content of Liquid Fuels Regulations	
Activities burning bio-fuels should have a limit set for sulphur in fuel					
Activities burning waste oil not covered by the quality protocol processed fuel oil must comply with the Waste Incineration Directive (WID).					
Silos					
8	Particulate matter	Silo inlets and outlets	Designed to emit less than 10mg/m ³ No visible emission	Operator/driver observations Record start and finish times	Every delivery
Arrestment plant not serving silos or roadstone coating plant					
9	Particulate matter	Arrestment equipment with exhaust flow >300 m ³ /min: (see note a)	Designed to achieve 50 mg/m ³	Recorded filter leak monitoring	Continuous
10	Particulate matter	Arrestment equipment with exhaust flow >100 m ³ /min: (see note a)	Designed to achieve 50 mg/m ³	Filter leak monitoring to demonstrate that the arrestment equipment is functioning correctly	Continuous
11	Particulate matter	Arrestment equipment with exhaust flow =/<100 m ³ /min (see note a)	No visible emission	Operator observations OR Filter leak monitoring to show that the equipment is functioning correctly	At least daily Continuous
Notes					
All periodic monitoring results shall be checked by the operator on receipt and sent to the Council within 8 weeks of the monitoring being undertaken.					
(a) - Where the plant is discharging to the external atmosphere.					
(b) The reference conditions for limits in Table 1 are: 273.1K, 101.3kPa, without correction for water vapour content.					
(c) All periodic monitoring shall be representative, and shall use standard methods.					
(d) The emission limits do not apply during start-up and shut down. All emissions shall be kept to a minimum during these periods.					

Schedule 2 Installation Boundary



Revision	Date	
A	ASCOPTIC CONSULTANTS ISSUE	22.03.17
B	ISSUED FOR DISCUSSION	16.04.17
C	ENVIRONMENTAL APPLICATION ISSUE	22.10.21

revisions

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D - design PL - planning PF - pre-tender
T - tender P - preliminary SC - Bldg Cont
C - construction R - record

DLP Planning Ltd

Rutland Street - Tarmac

Site Location Plan

scale	date	drawn	checked
1:1250	Feb.2017	MH	-

job no	(category) dwg no	revision
017-011	002	C

This drawing is © aad architects Ltd. If in doubt ASK. Drawing measurements shall not be obtained by scaling. Verify all dimensions prior to construction. Immediately report any discrepancies on this drawing to Architect. This drawing shall be read in conjunction with associated specifications and related consultant's documents.

Schedule 3 Installation Layout

