



Lewes District Council

Permit with Introductory Note

Environmental Permitting (England and Wales) Regulations 2016 (as amended)



Installation address:

Tarmac Trading Ltd
North Quay Service Road
Newhaven Harbour
Newhaven
East Sussex
BN9 0AB

Permit Reference: MRC/212/P5

Contact Details:

Lewes District Council
Environmental Health
Southover House
Southover Road
Lewes
BN7 1AB

Tel: 01273 471600

www.lewes-eastbourne.gov.uk

Email: CustomerFirst@lewes-eastbourne.gov.uk

Introductory note

This introductory note does not form a part of the Permit

The following Permit is issued under Regulation 13 of the Environmental Permitting (England and Wales) Regulations 2016 (S.I.2016 No. 1154) (“the EP Regulations”) to operate an installation carrying out one or more of the activities listed in Part B to Schedule 1 of those Regulations, to the extent authorised by the Permit.

The Permit includes conditions that have to be complied with. It should be noted that aspects of the operation of the installation which are not regulated by specific conditions are subject to the best available techniques condition placed in the permit, that the Operator shall use the best available techniques for preventing or, where that is not practical, reducing emissions from the installation.

Please note techniques include both the technology used and the way in which the installation is designed, built, maintained, operated and decommissioned.

Brief description of the installation regulated by this permit

Process

The installation consists of Amman 160 Global static design Asphalt coating plant, with a maximum output of 160 tonnes per hour. The drying plant is fuelled on gas oil at a maximum rate of 1350 litres/hour and bitumen is stored within two 60 tonne vertical tanks and one 75 tonne vertical tank. The arrestment of particulate matter from the batch plant is undertaken initially by a cascade pre-dust separator which returns grit to the hot elevator, and then by a reverse air jet filtration plant manufactured by Ameco.

Control

The Ameco arrestment plant comprises a reverse air fabric filter fitted with Aramid needle felt (400g/m² reinforced cloth) designed to handle 63,000m³/hr at a filtering speed of 1.58m/min and an automatic pulsed air cleaning system. Normal bag temperature varies between 80°C and 180°C.

There are three storage silos on site; one for limestone fill material with its own reverse air jet filtration system, one for returns from the filtration system vented via the Ameco bag filtration plant, one for fibre pellets vented via a cyclone. There are seven 10 tonne cold feed hoppers, and 13 aggregate storage bays comprising 11 three sided and covered bays and 2 three sided bays. Four insulated bins are available for the storage of hot aggregate with a total capacity of 150 tonnes. There are 1 bunded 15,000 litre gas oil tanks and 1 bunded 48,000 litre fuel oil tanks on site.

| Superseded Licences/Consents/Permits relating to this installation | | |
|--|------------------|--------------------------------|
| Holder | Reference Number | Date of Issue |
| Newhaven Roadstone Limited | MRC/212/P1 | 7 th December 2007 |
| Newhaven Roadstone Limited | MRC/212/P2 | 23 rd November 2012 |
| Newhaven Roadstone Limited | MRC/212/P3 | 21 st October 2013 |
| Newhaven Roadstone Limited | MRC/212/P4 | 9 th May 2014 |

Confidentiality

The Permit requires the Operator to provide information to Lewes District Council. The Council will place the information onto the public registers in accordance with the requirements of the EP Regulations. If the Operator considers that any information provided is commercially confidential, it may apply to Lewes District Council to have such information withheld from the register as provided in the EP Regulations. To enable Lewes District Council to determine whether the information is commercially confidential, the Operator should clearly identify the information in question and should specify clear and precise reasons.

Variations to the permit

Your attention is drawn to the Variation Notification Procedure condition in the permit. This Permit may be varied in the future. If at any time the activity or any aspect of the activity regulated by the following conditions changes such that the conditions no longer reflect the activity and require alteration, the Regulator should be contacted.

Surrender of the permit

Where an Operator intends to cease the operation of an installation (in whole or in part) the regulator should be informed in writing. Such notification must include the information specified in Regulation 24, or in accordance with Regulation 25 of the EP Regulations for Permits to which Regulation 24 does not apply.

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 the Authority 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.

Responsibility under workplace health and safety legislation

This Permit is given in relation to the requirements of the EP regulations. It must not be taken to replace any responsibilities you may have under Workplace Health and Safety legislation.

Appeal against permit conditions

Anyone who is aggrieved by the conditions attached to a Permit can appeal to the Appropriate Authority, (Secretary of State for the Environment, Food and Rural Affairs, in England and the Welsh Ministers in Wales) Appeals must be made in accordance with the requirements of Regulation 31 and Schedule 6 of the EP Regulations.

Appeals should be received by the Secretary of State for Environment, Food and Rural Affairs or the Welsh Ministers at the following addresses:

The Planning Inspectorate
Environment Team, Major and
Specialist Casework
Room 4/04 Kite Wing
Temple Quay House
2 The Square
Temple Quay
Bristol BS1 6PN

Or for appeals in Wales:

The Planning Inspectorate
Crown Buildings
Cathays Park
CARDIFF
CF10 3NQ

Please Note

An appeal brought under Regulation 31 (2) (b) and (c) and Schedule 6, in relation to the conditions in a permit will not suspend the effect of the conditions appealed against; the conditions must still be complied with.

In determining an appeal against one or more conditions, the Act allows the Secretary of State in addition to quash any of the other conditions not subject to the appeal and to direct the local authority either to vary any of these other conditions or to add new conditions.

Our enforcement of your permit will be in accordance with Regulators' Compliance Code: [Regulators' Compliance Code](#)

End of introductory note

**Permit issued under the Environmental Permitting
(England and Wales) Regulations 2016**

Permit

Permit Reference: MRC/212/P5

Lewes District Council (the Regulator) in exercise of its powers under Regulation 13 of the Environmental Permitting (England and Wales) Regulations 2016 (S.I.2016 No. 1154) hereby permits

Tarmac Trading Ltd (“the operator”)

Whose registered office is:

**Portland House
Bickenhill Lane
Solihull
Birmingham
B37 7BQ**

Company Number: **00453791**

To operate an installation at:

**North Quay Service Road
Newhaven Harbour
Newhaven
East Sussex
BN9 0AB**


for the operation of a roadstone coating plant under Schedule 1, Part B, Section 3.5 (e) to the Environmental Permitting (England and Wales) Regulations 2016 to the extent authorised by and subject to the conditions of this Permit and within the boundary marked in red on the site plan.

Signed:



Ed Hele (Functional Lead Quality Environment)
Authorised to sign on behalf of Lewes District Council

Dated:



Conditions

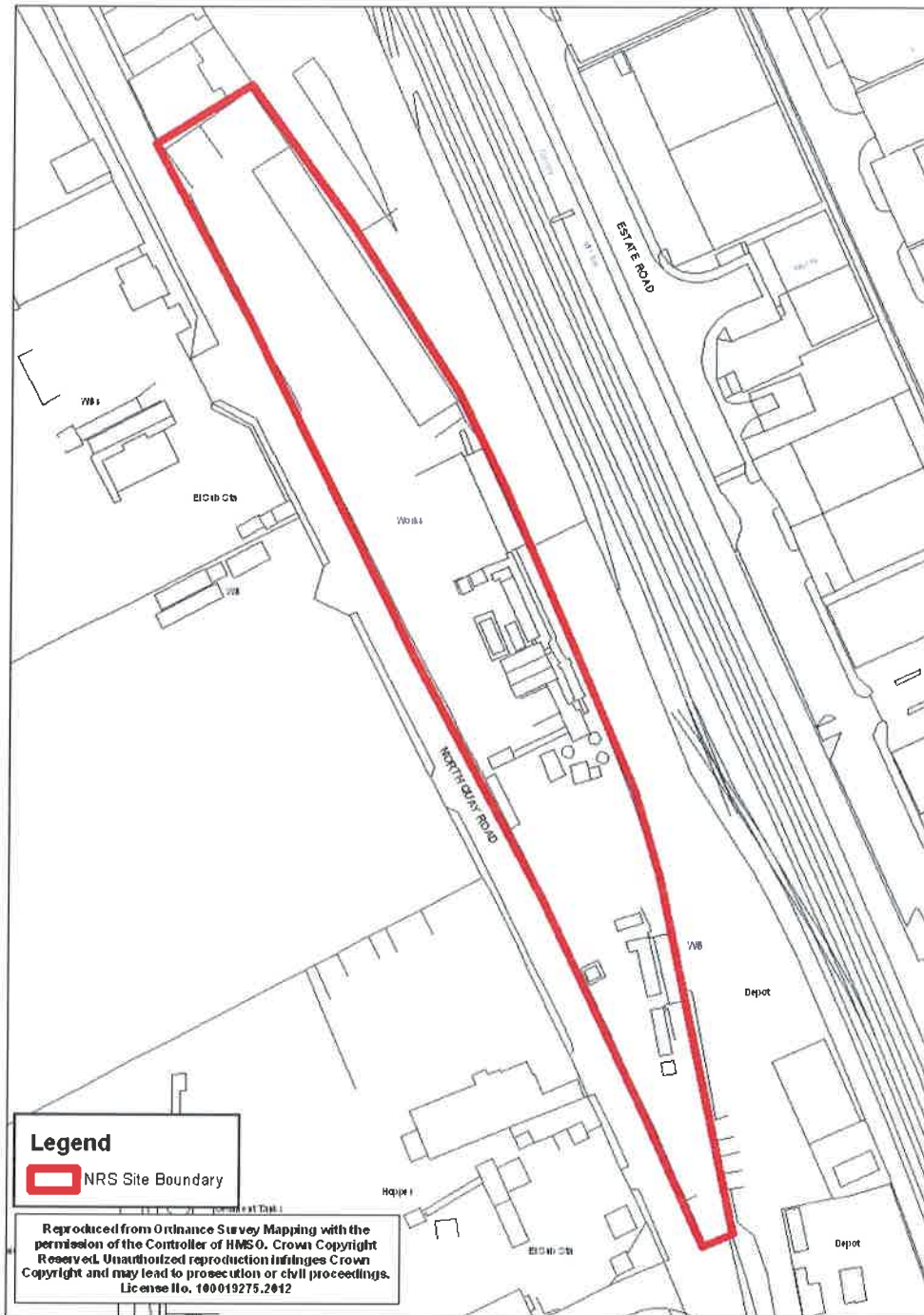
Extent and Limit of The Installation

1. The Permitted Installation

- 1.1 The Operator is authorised to carry out the activities and/or associated activities specified in Table A.

| Table A: Activities | | | |
|---|--|---|---|
| Activities under Schedule 1 of the Regulations or Associated Activity | Description of specified activity | Schedule 1 activity Reference (if Applicable) | Limits of specified activity |
| The delivery and storage of raw materials. | Raw material storage including aggregate, fillers and bitumen. | Associated activity | Storage of aggregates within storage bays or hoppers, storage of fillers within silos and bitumen within enclosed tanks. |
| The coating of roadstone with bitumen, including the use of recovered aggregate products. | Coating within an Amman coating plant using gas oil as fuel. | Section 3.5 Part B (e) | Coating of roadstone within the enclosed Amman mixing plant and within the boundary identified on the plan in condition 1.2 only. |
| Storage of finished products. | Storage of asphalt within hot storage bin. | Associated activity | Storage of asphalt within lidded hot storage bins only. |

- 1.2 The operator is authorised to carry out the activities and/or associated activities as specified and within the boundary shown edged in red on the site plan.



Emissions and monitoring

2. No visible particulate matter shall be emitted beyond the installation boundary as shown in condition 1.2.
3. The emission requirements and methods and frequency of monitoring set out in Table B shall be complied with. Sampling shall be representative

Any monitoring display required for compliance with the permit shall be visible to operating staff at all times. Corrective action shall be taken immediately if any periodic monitoring result exceeds a limit in Table B, or if there is a malfunction or breakdown of any equipment which might increase emissions. Monitoring shall be undertaken or repeated as soon as possible thereafter and a brief record shall be kept of the main actions taken.

Where continuous monitors are fitted to show compliance with a numerical limit in Table B: All continuous monitors fitted to show compliance with the permit shall be fitted with a visible and audible alarm warning of arrestment failure or malfunction. They shall activate when emissions reach 75% of the relevant emission limit in Table B and record automatically each activation. Alarms shall be tested at least once a week.

Where odour arrestment equipment is installed: The odour arrestment equipment shall be inspected not less than once a day for at least the following: a) leaks or blockages in air handling equipment, ductwork and arrestment equipment; b) continuous monitors for arrestment equipment; and c) surface cracking, voids, leaks, compaction, moisture content, and plant/weed growth on biofilters.

4. 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.

Recycled asphalt containing coal tar

5. Recycled asphalt pavement containing coal tar shall be:
 - Identified, and stored separately from other recycled asphalt
 - Processed only using cold methods

Silos (where used)

6. Fillers and bitumen shall only be stored within the filler and bitumen silos.
7. Dust emissions from loading or unloading road tankers shall be minimised by backventing to a delivery tanker fitted with an on-board, truckmounted 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 silo.

8. Silos shall not be overfilled and there shall be an overfilling alarm.
9. (for silos new since Jun 2004) When loading filler silos, deliveries must stop automatically where over-pressurisation or over-filling is identified
10. Displaced air from pneumatic transfer shall pass through abatement plant prior to emission to air.

Aggregates delivery and storage

11. Dusty materials (including dusty wastes) shall only be stored in storage bays or hoppers or in enclosed bins and shall be subject to suppression and management techniques to minimise dust emissions.

Belt conveying

12. All dusty materials (including wastes) conveyed and any transfer points shall be enclosed to such an extent as to minimise the generation of airborne dust. Where dust emissions from conveyors or transfer points are visible, dust suppression equipment shall be fitted and used.

Loading, unloading and transport

13. No potentially dusty materials (including wastes) or finished products shall arrive on or leave the site other than by use of totally enclosed or sheeted vehicles.

Roadways and transportation

14. 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. Quarry haul roads are excluded from this provision.
15. Vehicles shall not track material from the site onto the highway.

Techniques to control fugitive emissions

16. The fabric of all process buildings shall be maintained and made as dust tight as possible to prevent and minimise visible dust emissions. Doors shall be kept closed when not in use. For semi-enclosed mixing buildings, visible dust emissions shall be minimised.

Records and training

17. Written or computer records of all tests and monitoring shall be kept by the operator for at least 3 years. They and a copy of all manufacturer's instructions referred to in

this permit shall be made available for examination by the Council. Records shall be kept of operator inspections, including those for visible and odorous emissions.

18. Staff at all levels shall receive the necessary training and instruction to enable them to comply with the conditions of this permit. Records shall be kept of relevant training undertaken.

Best available techniques

19. 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.
20. If the operator proposes to make a change in operation of the installation, he must, at least 14 days before making the change, notify the regulator in writing. The notification must contain a description of the proposed change in operation. It is not necessary to make such a notification if an application to vary this permit has been made and the application contains a description of the proposed change. In this condition „change in operation“ means a change in the nature or functioning, or an extension, of the installation, which may have consequences for the environment.

Table B - 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 and recorded |
| 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 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 |
| <p>Notes</p> <p>*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.*</p> <p>(a) - Where the plant is discharging to the external atmosphere.</p> <p>(b) The reference conditions for limits in Table B are: 273.1K, 101.3kPa, without correction for water vapour content.</p> <p>(c) All periodic monitoring shall be representative, and shall use standard methods.</p> <p>(d) The emission limits do not apply during start-up and shut down. All emissions shall be kept to a minimum during these periods.</p> | | | | | |

End of Conditions

End of Permit

