

Environmental Permit

Pollution Prevention and Control Act 1999
Environmental Permitting (England and
Wales) Regulations 2010



Tarmac Trading Limited
Portland House
Bickenhill Lane
Solihul
Birmingham
B37 7BQ

Permit Number
EPR/3.15/V5/Tarmac

Contents

Introductory note
Permit
Conditions
Emissions and monitoring
Silos
Aggregate delivery and storage
Loading, unloading and transport
Roadways and transportation
Techniques to control fugitive emissions
Records and training
Best available techniques
Table 1; emission limits and monitoring
Site Plan

Status Log

Detail	Date	Comment
Date first permitted	16 th June 2003	
Revised permit issued	18 th April 2006	PG 3/15a(04) revisions
Revised permit issued	19 th May 2014	PG 3/15 (12) revisions
Permit Transfer to Lafarge Tarmac Trading Limited	8 th July 2014	Permit number change
Permit Transfer to Tarmac Trading Limited	28 th February 2016	Permit number change
Permit Variation	28 th February 2016	General updating

Introductory Note

This introductory note does not form part of your Environmental Permit conditions, however it does provide useful information about the Environmental Permitting Regulations:

The following Permit is issued under Regulation 13(1) of the Environmental Permitting (England and Wales) Regulations 2010 (S.I 2010 No.675), (“the EPR”) to operate a scheduled installation carrying out an activity, or activities covered by the description in section 3.5 B (e) of Part 2 to Schedule 1 of the EPR, to the extent authorised by the Permit.

Conditions within this Permit detail Best Available Techniques (BAT), for the management and operation of the installation, to prevent, or where that is not practicable, to reduce emissions.

In determining BAT, the Operator should pay particular attention to relevant sections of the LAPPC Process Guidance note [PG3/15 (12)] and any other relevant guidance. Techniques include both the technology used and the way in which the installation is designed, built, maintained, operated and decommissioned.

Note that the Permit requires the submission of certain information to the Regulator and in addition, the Regulator has the power to seek further information at any time under Regulation 60 of the EPR Regulations provided that the request is reasonable.

Public Registers

Information relating to Permits, including the application, is available on public registers in accordance with the EPR. Certain information may be withheld from the public registers where it is commercially confidential or if it is in the interest of national security to do so.

Variations to the Permit

The Regulator may vary the Permit in the future, by serving a variation notice on the Operator. Should the Operator want any of the conditions of the Permit to be changed, a formal application must be submitted to the Regulator (the relevant forms are available from the Regulator). The Status Log that forms part of this introductory note will include summary details of this Permit, variations issued up to that point in time and state whether a consolidated version of the Permit has been issued.

Transfer of the Permit or part of the Permit

Before the Permit can be wholly or partially transferred to another Operator, an application to transfer the Permit must be made jointly by the existing and proposed Operators. A transfer will not be approved if the Regulator is not satisfied that the proposed Permit holder will be the person having control over the operation of the installation, or will not comply with the conditions of the transferred Permit. In addition, if the Permit authorises the Operator to carry out a specified waste management activity, the transfer will not be approved if the Regulator does not consider the proposed Permit holder to be a ‘fit and proper person’ as required by the EPR.

Talking to us

Please quote the permit number if you contact the Regulator about this permit. The regulator may be contacted by telephone by calling **01279 446111**, by email at env.health@harlow.gov.uk or in writing to; Harlow Council, The Water Gardens, Harlow, Essex. CM20 1WG.

Environmental Permit



Permit Number: *EPR/3.15/V5/Tarmac*

Harlow Council ("the Regulator") in exercise of its powers under Regulation 13(1) of the Environmental Permitting (England and Wales) Regulations 2010 (SI 2010 No 675), hereby Authorises **Tarmac Trading Limited** ("the Operator") Company Registration Number 453791 to operate an installation at:

Station Approach
Harlow Mill
Harlow
Essex
CM20 2EL

To the extent authorised by and subject to the conditions of this Permit.

Signed

A handwritten signature in black ink, appearing to read "Norah F Nolan", is written over a horizontal line.

Dated this day

1st March 2016

Norah F Nolan

Environmental Health Manager

The Authorised Officer for this purpose

Harlow Council, Environmental Health Services, Civic Centre, The Water Gardens, Harlow,
Essex CM20 1WG. Tel. 01279 446111 Fax. 01279 446767

Tarmac Trading Limited is hereby authorised to operate a blending, packing and batching installation as defined in Schedule 1, Part 2, Chapter 3, Section 3.5 Part B (e) of The Environmental Permitting (England and Wales) Regulations 2010.

Address of Installation; Harlow Mill, Harlow, Essex. CM20 2EL as marked in red (for identification purposes only) on the attached map, Appendix 1, forming part of the permit.

Description of the Process. The installation produces asphalt used for the surfacing of roads and other surfaces. The plant comprises an Ammann Roadstone Coating Plant with a rated capacity of 320 tonnes per hour. Selected aggregates are imported by rail and offloaded by grab to be stored within 15 three sided bays. Aggregates are transferred to cold feed hoppers by wheeled shovel and conveyed to the rotary dryer. The dryer comprises a cylindrical rotary dryer with a rated heat input of 24mw. Heated aggregates are lifted to the top of the plant by bucket lift and passed through a grading screen into storage hoppers. Heated aggregates are mixed with bitumen and fillers in the batch mixer to produce coated roadstone. Final product is transferred to 8 storage hoppers or directly into road vehicles. The plant is equipped with baghouse filtration and a 29m high chimney.

Conditions

Emissions and monitoring

1. No visible particulate matter shall be emitted beyond the installation boundary.
2. The emission requirements, methods and frequency of monitoring set out in Table 1 shall be complied with. Sampling shall be representative. The results of all periodic monitoring shall be sent to the Regulator with 4 weeks of the monitoring being carried out.

All monitoring displays 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 1, or where a malfunction or breakdown of any equipment which might increase emissions. Monitoring shall be undertaken or repeated as soon as possible thereafter and a record shall be kept of the main actions taken.

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 1 and automatically record each activation. Alarms shall be tested at least once a week. The probe and recording system shall be maintained and calibrated in accordance with the manufacturer's recommendations.

3. 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.
4. The plant and burner shall be maintained in accordance with the manufacturer's instructions. The burner assembly shall be examined by a competent engineer at not less than 6 monthly intervals. A report of the examination shall be produced and made available to the regulator on request.
5. The bag-house, filter media and pneumatic systems shall be thoroughly checked and inspected periodically. These checks shall be recorded and made available to the Operator on request.

Recycled asphalt containing coal tar

6. Recycled asphalt pavement containing coal tar shall be identified and stored separately from other recycled asphalt and, processed only using cold methods

Silos

7. Fillers and bitumen shall only be stored within the filler and bitumen silos.
8. Dust emissions from loading or unloading road tankers shall be minimised by venting to bag filters and back-venting to the delivery tanker fitted with an on-board, truck-mounted relief valve and filtration system. Transfer lines shall first be connected to the delivery inlet point and then to the tanker discharge point. The delivery shall be at a rate which does not pressurise the silo.
9. Silos shall not be overfilled and there shall be an overfilling alarm.
10. When loading filler silos, deliveries must stop automatically where over-pressurisation or over-filling is identified.
11. Displaced air from pneumatic transfer shall pass through abatement plant prior to emission to air.
12. Pressure relief valves, filter media and associated equipment shall be checked and maintained in accordance with the manufacturer's recommendations. These checks shall be recorded and made available to the Regulator on request.

Aggregate delivery and storage

13. Dusty materials including dusty wastes shall only be stored in 3 sided bays and shall be subject to suppression and management techniques to minimise dust emissions. Bays shall not be grossly overloaded. Dust suppression shall include water suppression.
14. Sand and other fine aggregates under 3mm, shall be stored within a structure consisting of at least 3 walls and a roof.

Belt conveying

15. All dusty materials shall be conveyed by enclosed conveyors and fully enclosed bucket lift. These material transport systems shall be examined regularly and maintained in serviceable condition to inhibit dust emissions.

Loading, unloading and transport

16. No powdered materials shall arrive or leave the site other than by tanker. Transfer points and socks shall be maintained in good condition and examined for any damage before powdered materials are transferred.

Roadways and transportation

17. All areas where there is regular movement of vehicles shall have a consolidated surface capable of being cleaned. These surfaces shall be kept clean and in good repair
18. Vehicles shall not track material from the site onto the highway.

Techniques to control fugitive emissions

19. The fabric of process buildings shall be maintained in good condition. Doors shall be kept closed when not in use.

Records and training

20. Written or computer records of all tests and monitoring shall be kept by the Operator for at least 18 months. They and a copy of all manufacturer's instructions referred to in this permit shall be made available for examination by the Regulator. Records shall be kept of Operator inspections, including those for visible and odorous emissions.
21. 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

22. 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.
23. 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.