

# Permit With Introductory Note



**IPSWICH**  
BOROUGH COUNCIL

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

**Tarmac Ltd**  
**Millfield Road**  
**Ettingshall**  
**Wolverhampton**  
**WV4 6JP**


LAPPC Permit Ref no: EP46/3

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## Chronicle

Detail	Date	Comments
LAPPC Deemed Applicable	28.04.08	Duly made
Consultation Permit	12.08.08	
Permit Issued	04.12.12	
Variation notice	04.12.12	

Signature:

Ben Hunter   
Principle Environmental Health Officer  
The Authorised Officer for this purpose

Date: 10.12.12

Permit issued by:

Environmental Protection Services  
Ipswich Borough Council  
Floor 4 East  
Grafton House  
15-17 Russell Road  
Ipswich  
IP1 2DE

Telephone: 01473 433053 or 01473 433112  
Fax: 01473 433062  
Website: [www.ipswich.gov.uk](http://www.ipswich.gov.uk)  
Email: [environmentalprotection@ipswich.gov.uk](mailto:environmentalprotection@ipswich.gov.uk)

## **INTRODUCTORY NOTE**

### ***This introductory note does not form part of the permit***

The following Permit is issued under Regulation 13 of the Environmental Permitting (England & Wales) Regulations 2007, to operate a scheduled installation carrying out an activity, or activities covered by the description in sections 3.1(B)b in Part 2 to Schedule 1 of the EP regulations, 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 3/1(04), 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 EP 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 EP Regulations. 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 has to 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 EP Regulations.

### **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(3) of the EP Regulations.

### **Responsibility under Workplace Health and Safety Legislation**

The permit is given in relation to the requirements of the EP Regulations. It must not be taken to replace any responsibilities an Operator may have under the workplace health and safety legislation.

### **Appeal Against Permit Conditions**

Any person who is aggrieved by the conditions attached to a Permit can appeal to the Secretary of State for Environment, Food & Rural Affairs. Appeals must be received by the Secretary of State no later than 6 months from the date of the decision (the date of the Permit).

Appeals relating to installations in England should be received by the Secretary of State for Environment, Food & Rural Affairs. The address is as follows:

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

The appeal must be in the form of a written notice or letter stating that the person wishes to appeal and listing the condition(s) which is/are being appealed against. The following five items must be included:

- (a) A statement of the grounds of appeal;
- (b) A copy of any relevant application;
- (c) A copy of any relevant Permit;
- (d) A copy of any relevant correspondence between the person making the appeal and the Council;
- (e) A statement indicating whether the appellant wishes the appeal to be dealt with.
  - by a hearing attended by both parties and conducted by an inspector appointed by the Secretary of State; or
  - by both parties sending the Secretary of State written statements of their case (and having the opportunity to comment upon one another's statements).

At the same time, the notice of appeal and documents (a) and (e) must be sent to the Council, and the person making the appeal should inform the appropriate Secretary of State that this had been done.

- An appeal 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 to either vary any of these conditions or to add new conditions.

### **Talking to us**

Please quote the Permit Number if you contact the Regulator about this permit. To give a notification, the Operator should telephone 01473 433053 or any other number notified in writing by the Regulator for that purpose.

*~ End of Introductory Note~*

**IPSWICH BOROUGH COUNCIL**

**POLLUTION PREVENTION AND CONTROL ACT 1999  
Environmental Permitting Regulations 2010 (as amended)**

**Permit ref. no:** EP46/3

**Name and address of person (A) authorised to operate the installation ('the operator')**

Tarmac Limited, Millfields Road, Ettingshall, Wolverhampton, WV4 6JP

**Registered number and office of company (if appropriate)**

Tarmac Limited, Millfields Road, Ettingshall, Wolverhampton, WV4 6JP

**Address of permitted installation (B)**

Tarmac Limited Ipswich Works, The Docks, Cliff Road, Cliff Quay, Ipswich, IP3 0BG

The installation boundary and key items of equipment mentioned in permit conditions are shown in the plan attached to this permit.

**Activity description**

The process is carried out by Tarmac Limited at the Ipswich Works, The Docks, Cliff Road, Cliff Quay, Ipswich. IP3. The process involves the blending of coarse aggregate, fine aggregate and cementitious material with water in order to manufacture ready mixed concrete. This involves the delivery, storage, transfer, mixing and loading of aggregates and cementitious material on site.

**Ready Mixed Concrete**

Concrete is manufactured by mixing, in carefully controlled proportions, Portland cement or a mixture of cementitious material in powder form, together with coarse and fine aggregates (gravel, crushed stone or sand), and water.

**Bulk Powdered Material Transfer**

Cement and other powdered cementitious materials are delivered by road in bulk tankers. The powdered materials are transferred through a closed system of heavy duty hoses to storage silos, using compressed air as a carrier medium. Silos are vented to allow air to escape through filters.

The attached diagram Flow Process shows an illustrated flow diagram of the process that occurs on site.

The attached plan Site Plan shows the site boundary.

The operator (A) is authorised to operate the activity<sup>4</sup> at the installation (B) subject to the following conditions.

## **Conditions**

### Emissions and monitoring

1. No visible particulate matter shall be emitted beyond the installation boundary.
2. The emission requirements and methods and frequency of monitoring set out in Table 1 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 1, 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.

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.

### Silos

4. Bulk cement shall only be stored within the bulk cement silos.
5. Dust emissions from loading or unloading road tankers shall be minimised by backventing 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 silo.
6. Silos and bulk containers of dusty materials shall not be overfilled and there shall be an overfilling alarm.
7. When loading silos which were new after Jun 2004, deliveries must automatically stop where overfilling or over-pressurisation is identified.
8. Displaced air from pneumatic transfer shall pass through abatement plant prior to emission to air.

### Aggregates delivery and storage

9. Dusty materials (including dusty wastes) shall only be stored in the two storage bays as detailed on the plan attached to this permit and shall be subject to suppression and management techniques to minimise dust emissions.

### Belt conveying

10. All dusty materials, including wastes, shall be conveyed using a belt conveyor with adequate protection against wind whipping installed where necessary.

#### **Loading, unloading and transport**

11. The method of collection of product or waste shall be such that dust emissions are minimised.

#### **Roadways and transportation**

12. 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.
13. Vehicles shall not track material from the site onto the highway.

#### **Techniques to control fugitive emissions**

14. The fabric of process buildings shall be maintained so as to minimise visible dust emissions.

#### **Records and training**

15. Written or computer records of all tests and monitoring shall be kept by the operator for at least 24 months. They shall be made available for examination by the Council. Records shall be kept of operator inspections, including those for visible emissions.
16. 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**

17. 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.
18. 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.





### **Right to Appeal**

You have the right of appeal against this permit within 6 months of the date of the decision. The Council can tell you how to appeal [*or supply details with the permit*]. You will normally be expected to pay your own expenses during an appeal.

You will be liable for prosecution if you fail to comply with the conditions of this permit. If found guilty, the maximum penalty for each offence if prosecuted in a Magistrates Court is £50,000 and/or 6 months imprisonment. In a Crown Court it is an unlimited fine and/or 5 years imprisonment.

Our enforcement of your permit will be in accordance with the Regulators' Compliance Code.



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**Table 1 - Emission**

**limits, monitoring and related provisions**

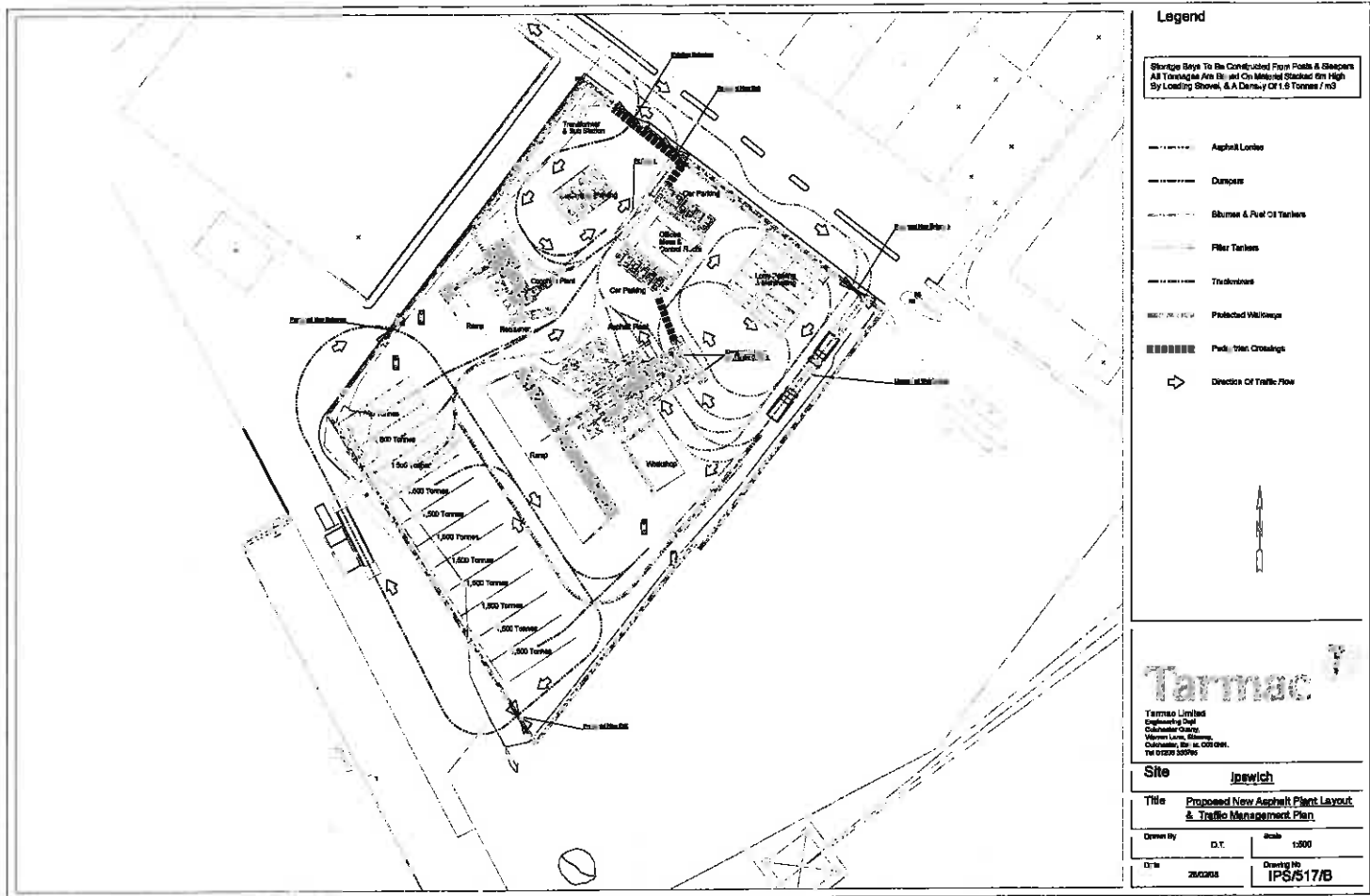
Row	Substance	Source	Emission limits/provisions	Type of monitoring	Monitoring frequency
1	Particulate matter	Whole Process	No visible airborne emission to cross the site boundary where harm or nuisance may be caused	Operator observations	At least daily
		Silo inlets and outlets (for silos new since 1st July 2004)	Designed to emit less than 10mg/m <sup>3</sup>	Operator observations	At time of delivery
		Silo inlets and outlets	No visible emission		
		Arrestment equipment, or any point where dust contaminated air is extracted from the process to atmosphere, with exhaust flow >300m <sup>3</sup> /min. (other than silo arrestment plant)	50mg/m <sup>3</sup>	Recorded indicative monitoring *Isokinetic sampling	Continuous
2	Droplets, persistent mist and fume	Arrestment equipment, or any point where dust contaminated air is extracted from the process to atmosphere, with exhaust flow >100m <sup>3</sup> /min. (other than silo arrestment plant)	No visible emission Arrestment equipment should be provided with a design guarantee that the equipment can meet 50mg/m <sup>3</sup>	Indicative monitoring to demonstrate that the arrestment equipment is functioning correctly	Continuous
		Arrestment equipment, or any point where dust contaminated air is extracted from the process to atmosphere, with exhaust flow <100m <sup>3</sup> /min. (other than silo arrestment plant)	No visible emission	Operator observation Or Indicative monitoring	At least daily Or Continuous
		All emissions to air (except steam and condensed water vapour)	No droplets, no persistent mist, no persistent fume.	Visual observations	*On start-up and on at least two more occasions during the working day*

Only emissions to atmosphere are required to comply with the emission limits within this table.

**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) The reference conditions for limits in Table 1 are: 273.1K, 101.3kPa, without correction for water vapour content, unless stated otherwise.
- b) All periodic monitoring shall be representative, and shall use standard methods.
- c) The emission limits do not apply during start-up and shut down. All emissions shall be kept to a minimum during these periods.



**Legend**

Storage Bays To Be Constructed From Posts & Sleepers  
All Tonnages Are 10' and On Mixed Stacked 6m High  
By Loading Shovel, & A Dumpy Or 1.5 Tonnage / m3

- Asphalt Lanes
- Dumps
- Storage & Fuel Oil Tanks
- Filter Tanks
- Truck Lanes
- Protected Walkways
- Public Way Crossings
- Direction Of Traffic Flow

**Tarmac**

Tarmac Limited  
Engineering Dept  
Chatterley Quay  
Worren Lane, Blithton  
Chatterley, Str. St. Chatterley,  
TA 26 2SP  
Tel 01259 35950

**Site** Ipswich

**Title** Proposed New Asphalt Plant Layout & Traffic Management Plan

Drawn by D.T. Job 1500

DTM 26/03/05 Drawing No IPS/S17/B

