

Corby Borough Council
Environmental Services
Working towards a Cleaner Environment

ENVIRONMENTAL PERMIT

Environmental Permitting (England and Wales) Regulations 2016

Installation Address

Guaranteed Asphalt
Princewood Road
Corby
Northants
NN17 4AP

Guaranteed Asphalt is hereby permitted by Corby Borough Council to carry on a Bitumen Process as prescribed in Section 6.3 (a) of The Environmental Permitting (England and Wales) Regulations 2016 as described below and within the installation boundary as marked red on the attached plan and in accordance with the conditions detailed in this Permit.

Signed..... IAM MUMFITH Date..... 9th May 2018

Authorised Officer of the Council

Contact Details: Environmental Services
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01536 464175
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Permit Holder:	Guaranteed Asphalt
Installation Address:	Princewood Road Corby Northants NN17 4AP
Registered Address of Company:	Guaranteed House 2 Mercury Way London SE14 5RR

Provenance	Date
Application for Authorisation (EPA 90)	24 th August 1995
Authorisation issued	11 th January 1996
Permit 'deemed' application	1 st April 2004
Permit issued (P23)	3 rd May 2006
Revised permit issued (P23/1)	1 st October 2012
Draft simplified permit issued	5 th April 2018
Simplified permit issued	9 th May 2018

Process Description

The process involves the production of mastic asphalt of varying grades for flooring and roofing. Liquid bitumen is delivered to site by road tanker at 150°C, and held in the storage tanks at that temperature. The liquid bitumen is pumped from the storage tanks through overhead pipes into the mixer tanks. Limestone filler and/or aggregate is dropped from the silos into an enclosed weigh hopper and transported to the mixer by a totally enclosed screw feed pipe driven by compressed air. The product in the mixer is held at between 150°C and 180°C by a gas burner. The mixer tank is not vented externally therefore all emissions are fugitive. Once the mastic asphalt mix has been completed, it is removed from the mixer through a manually operated door into a forklift truck bucket. This is then transferred to either the mould conveyor belt or into a mobile mixer tanker for use off site.

The mastic asphalt transferred to the mould conveyor is deposited into a hopper where it is automatically fed into a continuous series of moulds. The moulds are manually dusted with 45/55 calcium carbonate filler prior to filling with mastic asphalt to prevent sticking in the mould. The conveyor slowly travels until the moulds are emptied by hand at the other end, by which time the mastic asphalt is cool and solid. The mould conveyor is occasionally cooled with water jets and this water is collected and reused in the cooling process.

The mastic asphalt blocks are then palleted and stored for dispatch.

The installation consists of the following plant:

- a. 2 x 30 ton bitumen storage tanks
- b. 1 x 100 ton fine aggregate silos (calcium carbonate) including high level alarms and vent filter equipment
- c. 2x 6 ton asphalt mixing tanks with associated gas oil heaters and:
1x 40 ton asphalt mixing tank with an indirect electric heating jacket
- d. 1x mastic asphalt block forming conveyor belt.

The conditions contained within this Permit are based upon Process Guidance Note 6/42(13) 'Bitumen Processes'

The requirements of the conditions attached to this Permit shall come into effect on the date indicated in the individual condition or if no date is indicated shall take effect forthwith.

Temperature control

1. Bitumen silo storage temperature shall be controlled and high level alarms/overfilling indicators shall be operated.

Processing

2. Process tanks and vessels shall be fully enclosed and fitted with level indicators/high level alarms.
3. Process machines that handle molten bitumen mixtures and are not fully enclosed shall have local exhaust ventilation fitted.

Silos and bulk tanks where pneumatic transport is used

4. Materials delivered by pneumatic transport shall be stored within silos. Silos and bulk containers of dusty materials shall not be overfilled and there shall be an overfilling alarm. When loading silos, ensure delivery is at a rate which does not pressurise the silo.
5. Displaced air from pneumatic transfer shall pass through abatement plant.

Other bulk, loose, dry material – storage and loading

6. Dusty materials (including dusty wastes) shall only be stored in area 5 as detailed on the plan attached to this permit and their storage and transfer shall be subject to suppression and management techniques to minimise dust emissions.

Monitoring provisions

Table 1 – Emission limits, monitoring and other provisions

Row	Substance	Source	Emission limit/provision	Type of monitoring	Monitoring frequency
1	Particulate matter	Silos	10mg/m ³	Design limit	
2	Droplets, persistent visible emissions	All emissions to air except steam and condensed water vapour	No droplets, no persistent visible emissions	Visual observations	*on start up and at least two more occasions during the working day.
3	Visible smoke	Combustion processes should be free from visible smoke (see note 1)	No visible smoke	Visual observations	*on start up and at least two more occasions during the working day.

Note 1 - the smoke emission limits do not apply during start up. All emissions shall be kept to a minimum during these periods.

7. The emission requirements and methods and frequency of monitoring set out in **Table 1** shall be complied with.
8. The Operator shall, in the case of abnormal emissions, inform the Regulator without delay if there is an emission likely to have an effect on the local community.

Records and training

9. Written or computer records of all tests and monitoring shall be kept by the Operator for 24 months. They shall be made available for examination by the regulator. Records shall be kept of operator inspections, including those for odorous emissions.
10. Staff at all levels shall receive the necessary training and instruction to enable them to comply with the conditions of this permit. Written or computer records shall be kept of relevant training undertaken.

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. 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 £50000 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.

Site Location Map



**Guaranteed Asphalt
Princewood Road
Corby
Northants
NN17 4AP**

Site boundary in red

