

Corby Borough Council
Environmental Services
Working towards a Cleaner Environment

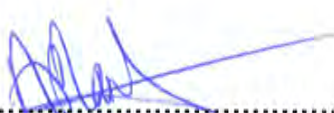

ENVIRONMENTAL PERMIT

Environmental Permitting (England and Wales) Regulations 2016

Installation Address

Clark Clay Industries Limited
5 Priors Haw Road
Corby
Northamptonshire
NN17 5JG

Clark Clay Industries Limited is hereby permitted by Corby Borough Council to carry on a Bitumen Process as prescribed in Section 6.3 (a)(i) 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.......... Date..........
Environmental Protection and Private Sector Housing Manager
Authorised Officer of the Council

Contact Details: Environmental Services
Deene House
New Post Office Square
Corby NN17 1GD
01536 464175
env.services@corby.gov.uk

Permit Holder:	Clark Clay Industries Limited
Installation Address:	5 Priors Haw Road Corby Northamptonshire NN17 5JG
Registered Address of Company:	5 Priors Haw Road Corby Northamptonshire NN17 5JG

Provenance	Date
Application for Authorisation (EPA 90)	26 th May 1995
Authorisation issued	22 nd May 1998
Permit 'deemed' application	1 st April 2003
Permit issued	26 th July 2006
Revised permit issued	15 th February 2008
Draft simplified permit issued	30 th May 2018
Simplified permit issued	15 th October 2018

Process Description

Clark Clay Industries manufacture clay pigeons by combining and processing of two main raw materials, powdered limestone and pitch. Both materials are delivered to the site in bulk tankers.

Limestone is received in 28 tonne tanker loads. Approximately two deliveries per day are received. The limestone is pneumatically blown into one of two storage silos. Silo one has a capacity of about 95 tonnes and silo two 40 tonnes. Each silo is fitted with reverse air jet filters and high level alarms.

Pitch is delivered to the site in a bulk heated tanker. The tanker discharges the pitch via a pump into one of two tanks on the site. The tanks are electrically heated to a temperature of 185°C and high level alarms sound if the tank is close to being overfilled. The larger tank holds up to 45 tonnes of pitch and the smaller tank has a capacity of 30 tonnes.

The limestone and pitch are mixed together in a heated mixer at a temperature of 250°C. This forms a hot paste, which is pumped via enclosed and heated pipes to a moulding machine. The mould heads are cooled by a water recirculation system. The moulding machine forms the shape of the clay target which is then ejected from the mould and pushed onto a moving conveyor belt.

The moulded targets are fed via a variety of belt conveyor systems either directly for packing and dispatch or to be spray-painted with a water based fluorescent paint. The spray applies a fine coating of paint as the clay passes the spray head on a conveyor belt. The paint is air-dried by fans before being packed in boxes and dispatched to customers. Excess paint is caught in a tray underneath the spray belt and returned to the paint container.

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 temperatures 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.

Monitoring provisions

6. The emission requirements and methods and frequency of monitoring set out in **Table 4.1** shall be complied with.
7. 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

8. 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.
9. 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.

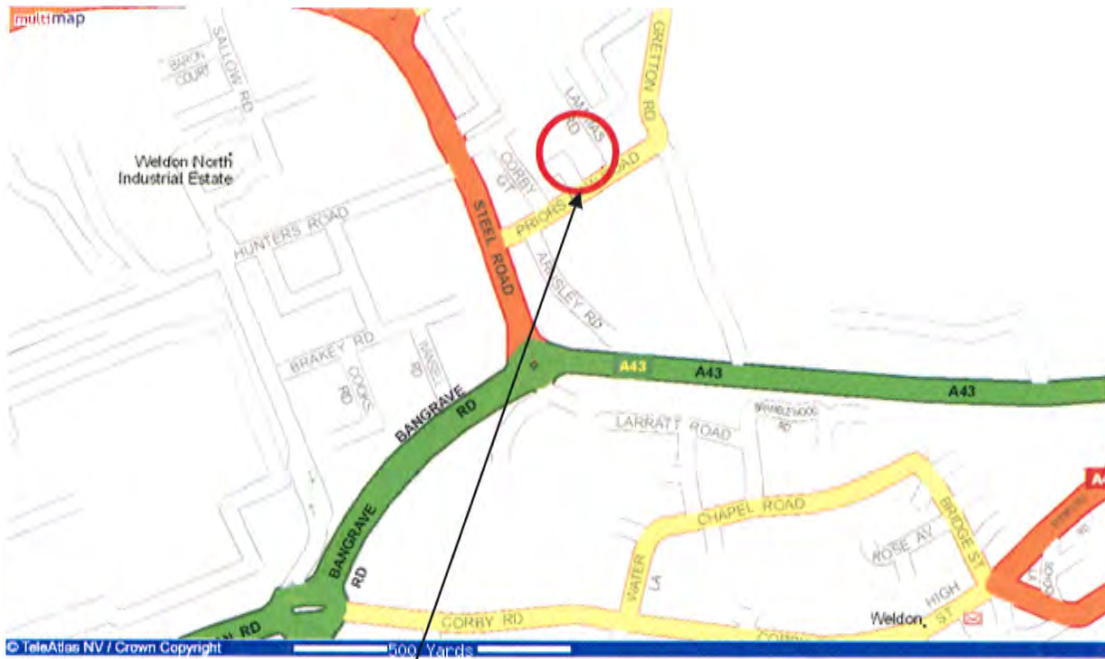
Right to Appeal

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.

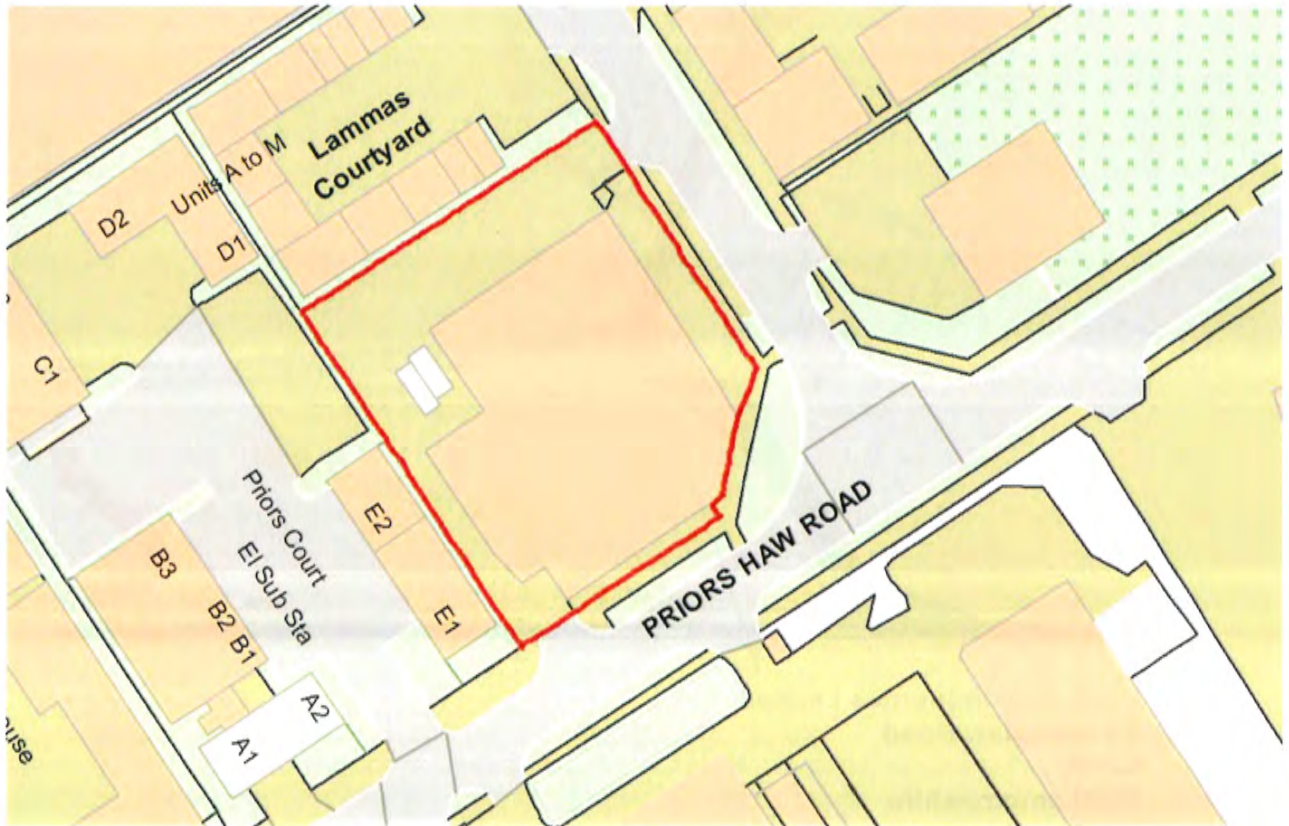
Site Location Map



Clark Clay Industries Limited
5 Priors Haw Road
Corby
Northamptonshire
NN17 5JG

Pollution Prevention & Control Act 1999
Permit Reference Number 7

Site boundary in red 



Site Plan

