Hereby Permit

Heygate & Sons Ltd,
Bugbrooke Mills,
Bugbrooke,
Northamptonshire,
NN7 3QH

To operate a Part B installation at

Heygate & Sons Ltd,
Bugbrooke Mills,
Bugbrooke,
Northamptonshire,
NN7 3QH

Under the Provisions of

POLLUTION PREVENTION AND CONTROL ACT 1999

ENVIRONMENTAL PERMITTING (ENGLAND AND WALES) REGULATIONS 2010
(as amended)

Permit Reference Number

AF/6.8/01

Date Permit Issued

13th April 2016

Dated: 13th April 2016

Trevor Dixon
Team Leader - Environmental Protection
(Authorised to sign in behalf of South Northamptonshire Council)
INTRODUCTORY NOTE TO PERMIT

This introductory note does not form part of the permit

This Environmental Permit (The Permit) is issued by South Northamptonshire Council (the Council) under Regulation 13(1) of the Environmental Permitting (England and Wales) Regulations 2010 (the EP Regulations) (S.I. 2010 No.675)(as amended), to operate an installation prescribed in Part 2 to Schedule 1 of those Regulations, to the extent specified in the conditions of this permit.

The requirements of this Permit shall be effective from the date of service unless otherwise specified within the Permit. Where a Variation Notice has been served the conditions contained within that Variation Notice shall be effective from the date that the Notice is served, unless a specific implementation date is allocated to specific conditions.

For the purpose of this permit the legal operator of the installation is Heygate & Sons Ltd, Bugbrooke Mills, Bugbrooke, Northamptonshire, NN7 3QH.

STATUS LOG

<table>
<thead>
<tr>
<th>Detail</th>
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<th>Date</th>
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<td>B3.5</td>
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DESCRIPTION OF INSTALLATION

The installation includes:

- The intake of raw materials from vegetable and mineral origin in dry and liquid form.
- The weighing, blending, mixing, grinding and extrusion of the mixed materials into compound animal feedstuffs in the form of meals, cubes and pellets.
- The packaging and storage of finished products in multiwall paper bags, plastic bags or bulk storage.
- Delivery of products both bulk and bags to vehicles for onward delivery to customers.
The installation falls within the definition of Part B(a) Section 6.8 “processing, storing or drying by the application of heat or part of any dead animal or any vegetable matter” of Part 2 of Schedule 1 of the Environmental Permitting (England and Wales) Regulations 2012 (as amended). The attached location map in Appendix I and site plan in Appendix II shows the designated site.

CONDITIONS

1. The operator shall contain processing operations within a building and prevent the release of uncontrolled emissions.

EMISSIONS

2. No visible particulate matter shall be emitted beyond the installation boundary.

PROCESSING (TANKS, VESSELS, GRINDERS, COOLERS AND EXTRUDERS)

3. All process tanks and vessels shall be loaded to minimise spillage and disturbance to materials.

4. A, B, C and D lines shall be vented to maintain adequate negative pressure and have ventilation equipment vented to the dust suppression units.

GOOD HYGIENE FOR ODOUR CONTROL

5. To minimise emissions of odour, the operator shall ensure that:

   • The buildings, equipment and containers that hold raw materials and waste materials can be, and are, cleaned effectively, and are kept in good condition.
   • Liquids drain appropriately.
   • Vehicles and containers are cleaned appropriately.
SILOS AND BULK TANKS WHERE PNEUMATIC TRANSPORT IS USED

6. Materials delivered by pneumatic transport shall only be stored within silos at intake point 'A' and 'B' (as indicated on the site layout plan reproduced in Appendix II of this Permit). Silos and bulk containers of dusty materials shall not be overfilled and there shall be an overfilling alarm. When loading the silos, ensure delivery is at a rate which does not pressurise the silo. Deliveries must stop automatically where over-pressurisation or over-filling is identified. Displaced air from pneumatic transfer shall pass through the dust suppression unit prior to emission to air.

OTHER BULK, LOOSE, DRY MATERIAL - STORAGE AND LOADING AND TRANSPORT AROUND SITE

7. Dusty materials (including dusty wastes) shall only be stored in silos, bulk storage tanks, or fully enclosed containers/packaging 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. No potentially dusty materials (including wastes) or finished products shall leave the site other than by use of fully enclosed or sheeted vehicles.

8. All dusty materials, including wastes, shall be transferred using fully enclosed pneumatic transfer.

MONITORING PROVISIONS

9. The emission requirements and methods and frequency of monitoring set out in Appendix III shall be complied with. Sampling shall be representative.

10. 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 Appendix III, 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.

11. All continuous monitors fitted to show compliance with the permit shall be fitted with a visible and audible alarm warning of abatement failure or malfunction. They shall activate when emissions reach 75% of the relevant emission limit in Appendix III and record automatically each activation.
12. 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 in accordance with condition 17.

13. 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.

14. Visual and olfactory assessments shall be carried out at the site and beyond the site boundary at 3 locations (identified as 1, 2, and 3 on the site layout map reproduced in Appendix II of this Permit) not less than once daily.

15. Details of the assessments required by condition 17 of this permit shall be recorded in a log book and shall include the location of the monitoring points, wind direction, weather conditions, time, date and person undertaking the monitoring and the results.

16. Emissions from the four product cooler exhaust stacks A, B, C and D (as identified on the Site Layout Plan at appendix II of this Permit) shall be measured for particulate matter in accordance with British Standards BS ISO 9096:2003 not less than once every two years. Averages shall be taken over operating periods excluding start up and shut down and sampling equipment shall be capable of collecting particulate matter of 0.1 microns diameter or less, with an efficiency of at least 75%.

RECORDS AND TRAINING

17. Written or computer records of all tests and monitoring shall be kept by the operator for 24 month. They shall be made available for examination by the Regulator. 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 TECHNOQUES

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.

End of permit conditions
ADDITIONAL INFORMATION

This note does not comprise part of permit AF/6.8/01 but contains guidance relevant to the said permit.

DEFRA guidance on the Local Authority Pollution Control regime consists of:

- a statutory General Guidance Manual which sets out the procedures and policy
- statutory process guidance (PG) notes which set out the Secretary of State’s view on what constitutes Best Available Techniques for each of the main sectors regulated to control their air emissions (so-called “Part B” activities)
- a set of additional guidance (AQ) notes covering various other issues

The General Guidance Manual is the principal guidance issued by the Secretary of State for Environment, Food and Rural Affairs and Welsh Ministers on the operation of the following pollution control regimes regulated by local authorities:

- Local Authority Integrated Pollution Prevention and Control (LAIPPC), which covers what are known as A2 installations
- Local Authority Pollution Prevention and Control (LAPPC), which covers what are known as Part B installations.

The detailed legal requirements for installations covered by LA-IPPC and LAPPC are contained in the Environmental Permitting Regulations 2010.

The General Guidance Manual, PG notes, AQ notes and the Environmental Permitting Regulations 2010 are available on the DEFRA website: www.defra.gov.uk or by telephoning DEFRA publication on 0870 600 5522.

Inspections

Regular inspections will be made by officers of South Northamptonshire Council (without prior notice), in order to check and ensure full compliance with this permit.

Health and Safety at Work and Other Statutory Requirements

Compliance with this permit does not necessarily infer compliance with any other legislation.

Notification of Operation Changes

The operator will be liable to prosecution if they operate otherwise than in accordance with the conditions and plant described in this permit.

The operator shall contact the regulator to discuss any proposed changes.
**BAT (Best Available Techniques)**

The IPPC Directive defines “best available techniques” as follows:

“the most effective and advanced stage in the development of activities and their methods of operation which indicates the practical suitability of particular techniques for providing in principle the basis for emission limit values designed to prevent, and where that is not practicable, generally to reduce emissions and the impact on the environment as a whole:

- “best” shall mean most effective in achieving a high general level of protection if the environment as a whole.
- “available” techniques shall mean those developed on a scale which allows implementation in the relevant industrial sector, under economically and technically viable conditions, taking into consideration the costs and advantages, whether or not the techniques are used or produced inside the Member State in question, as long as they are reasonably accessible to the operator,
- “techniques” shall include both the technology used and the way in which the installation is designed, built, maintained, operated and decommissioned,

Specific condition 18 of the Permit makes reference to training and instruction of personnel. The scope and content of such training and instruction is not the subject of a specific condition and it will therefore be necessary for the operator to determine the precise nature of the training and instruction that is appropriate in order to comply with the residual BAT condition.

Moreover it will be necessary in order to demonstrate such compliance for the operator to maintain records detailing the training and instruction received by individual personnel.

In determining BAT, special consideration should be given to the items listed in Annex IV of the Directive.

**Enforcement**

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 Regulator's compliance Code.

**Annual Subsistence Charge**

A subsistence charge is payable on the 1st April each year. An invoice will be issued by the regulator providing further details of how to pay. The charges are based on a risk based system. Details of the risk assessment can be found on the DEFRA Web Site.
Right to appeal

You have the right of appeal against this permit within 6 months of the date of the decision to the Secretary of State for Environment, Food & Rural Affairs. Appeals must be sent to:

The Planning Inspectorate
Environment Team, Major & Specialist Casework
Room 4/04 Kite Wing
Temple Quay House
2 The Square
Temple Quay
Bristol BS1 6PN
Tel: 0117 372 8726
Fax: 0117 372 8139

Guidance on the appeal procedure is available at: [www.planningportal.gov.uk](http://www.planningportal.gov.uk)

You will normally be expected to pay your own expenses during an appeal.

Enforcing Authority

The enforcing authority for the purposes of this permit is South Northamptonshire Council. The address of that authority is as follows:

South Northamptonshire Council
The Forum
Moat Lane
Towcester
Northants
NN12 6AD

All correspondence should be marked for the attention of the Environmental Protection Team.

Telephone: 01327 322323
Email: environmental.protection@southnorthants.gov.uk
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<td>Plant serving product coolers using cyclones</td>
<td>Existing plant: 50mg/m³</td>
<td>Cyclones only: Monitors that:</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>• Provide visible and audible alarms which activate on cyclone malfunction; and</td>
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<td></td>
<td></td>
<td></td>
<td>• Interlocked to shutdown process when alarm activates</td>
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