APPLICATION FOR AUTHORISATION to carry out prescribed process under section 6 of the Environmental Protection Act 1990

To(1) South Northamptonshire District Council

1 Name and address of applicant (2) (in the case of a registered Company, name, number and registered office)
   Heygate and Sons Limited,
   Bugbrooke Mills,
   Bugbrooke, Northampton.
   Tel. No. 0604 830381

2 Name and address of premises where process is or will be carried on (not applicable to mobile processes)
   As above
   Tel. No.

3 In the case of mobile plant, name and address of the principal place of business
   Tel. No.

4 Address for correspondence relating to the application
   As above

Contact name Mr. P.R. Martin
   Tel. No. 0604 830381

5 List of maps or plans enclosed with the application showing the location of the premises where the process is or will be carried on.

   1) Bugbrooke Mills
      TITLE Reference No.
      Fig. One

   2) Air. Venting... Showing. Air. Volumes
      Fig. Two

Where the process is or will be carried on on only part of the premises whose address is given at 2 above, describe which part of the premises and list the plan(s) which identify(ies) this part or these parts.

Animal Feed Compound Mill
   Shown within green outline on Plan Ref Fig One

6 Describe the prescribed process (3) (use a continuation sheet if necessary)

1) The Intake of raw materials from vegetable, animal, mineral and fish origin in dry and liquid form.

2) The weighing, blending, mixing, grinding and extrusion of the mixed materials into compound animal feedstuffs in the form of meals, cubes and pellets.

3) The packing and storage of finished products in multiwall paper bags or bulk storage.

4) Delivery of products both bulk and bags to vehicles for onward delivery to customers.
7 When was the plant first installed?

Please also give the details and dates of any major modifications or improvements which have been carried out.

There have been no major modifications but a gradual update and improvement in capacity from 400 tonnes to 2500 tonnes per week over a period of some 20 years.

8 List the prescribed substances (and any other substances which might cause harm) used in connection with or which might be released into the air resulting from the prescribed process. (4)

Particulate matter of animal, vegetable and mineral origin.

9 Describe the techniques to be used for preventing releases into the air of substances listed above, for reducing such substances to a minimum and for rendering harmless any such substances that are released. (8) (use a continuation sheet if necessary and attach drawings of plant and equipment, where appropriate)

Coolers and grinders venting through Mikropol bag filter units and then into a dust collection room plus Milltech P.S.U. Units. See Fig 2 enclosed.

10 Give details of the source, nature and amount of current and/or anticipated emissions to air from the process. (use a continuation sheet if necessary)

Emissions measured at point "C" on plan "Fig 2", with all plant running, with CASELLA AMS950 Aerosol Monitoring System. Readings taken over a One Hour Period as below:

<table>
<thead>
<tr>
<th>Readings over 10 sec Period Mg/M³</th>
<th>Max Reading over One Hour Mg/M³</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.2 9.1 6.2</td>
<td>24.0</td>
</tr>
<tr>
<td>7.2 11.5 18.5</td>
<td></td>
</tr>
<tr>
<td>3.3 3.8 6.2</td>
<td></td>
</tr>
</tbody>
</table>

11 Give the assessment of the likely environmental consequences of the emissions to air. (use a continuation sheet if necessary)

Anticipate below set limits, therefore environmental risk minimal.

12 What monitoring is or will be carried out of emissions to air?

1) Continue with own monitoring using Casella AMS950 Aerosol Monitoring System on a regular basis.

2) The installation of Quantative Monitoring subject to supplier's recommendations and discussion with the local Officer in line with the Act.
13 What monitoring will be carried out of the environmental consequences of emissions to air?

It is anticipated that any discharge, which will be monitored as at 12, will be within the allowed limits and therefore no large risk to the environment.

14 How will you monitor the techniques described in the answer to question 9?

As (12)

15 State how you will ensure that the objectives listed in section 7(2) of the Environmental Protection Act 1990 will be achieved and how the condition implied by section 7(4) of the Act will be complied with.(5)

It is our intention to observe the requirements of the Act and as well as the monitoring required as specified, we will continue with regular routine maintenance of plant and equipment and apply BATNEEC on all new projects.

16 If you have any proposals for improvements which might prevent or reduce emissions, please give details. (use a continuation sheet if necessary)

We feel, due to inspections already carried out, as at 10, that we do not have any serious emissions. However we are not complacent and are prepared to apply BATNEEC wherever we can make a sensible improvement in consultation with our local Inspector.

17 Give any other additional information which you would like to be taken into account by the local authority in considering your application.

In view of our location, surrounded by our own farmland, we do not feel we create any immediate nuisance to local inhabitants. However, as we are both farmers and major suppliers to the human food chain through our flour milling operation which is on the same site, we have every intention of preventing our factories creating any risk to the environment.

Official guidance on the best available techniques not entailing excessive cost is published by the Department of the Environment in the process guidance notes for specific industries, copies of which are available from HMSO or can be ordered from certain bookshops. YOU ARE ADVISED TO CONSULT THE PROCESS GUIDANCE NOTE FOR YOUR INDUSTRY BEFORE COMPLETING THIS FORM. YOU MIGHT ALSO FIND IT USEFUL TO READ THE GENERAL GUIDANCE NOTE GG3.(7)

If you require any further information or assistance in completing this form, please contact your local Council at the address shown below.
I enclose the fee of £(8).
Cheques should be made payable to: SOUTH NORTHAMPTONSHIRE COUNCIL.

I HEREBY CERTIFY that all the information contained in this application is correct to the best of my knowledge and belief [and that I am authorized to sign on behalf of the Company].

Signature

Official title

Date 20th September 1992

Please complete and return this form together with FOUR copies of each of the plans listed in the reply to question 5 and the required fee to: Environmental Health & Housing Department, Brackley Road, Towcester, Northamptonshire NN12 7AE

NOTES

1 This is the local authority in whose area the prescribed process will be carried on, or in the case of mobile plant, the local authority in whose area the applicant has his principal place of business.

2 Please state the person/Company who is operating or will operate the process, not an agent who may be completing the application on the operator’s behalf.

3 A list of prescribed processes for local authority control is given in Appendix A, which accompanies this form. Further advice can be obtained if necessary from the local authority.

4 A list of prescribed substances for release into the air is given in Appendix B, which accompanies this form. “Harm” includes offence to the senses or harm to property.

5 Please list fully all pollution control measures for all stages of the process, from the receipt of raw materials to the despatch of wastes and finished products, including, for example, the height and location of any stacks or vents; the abatement technology; process control and operational data; arrangements for maintenance; the extent of supervision; the relevant qualifications and experience of the workforce; staff training; and contingency plans for breakdowns and emergencies.

All calculations should be shown, particularly for the chimney height(s). Justification for the selection of a particular abatement option should be given.

6 Section 7(2) and 7(4) of the Environmental Protection Act 1990 requires every operator of a prescribed process to use the best available techniques not entailing excessive cost for -
   (i) preventing the release of prescribed substances, or where that is not practicable, for reducing the release of such substances to a minimum and rendering them harmless; and
   (ii) rendering harmless any other substances which might be released.

7 Much of the information contained in the application form will be included in a register which the local authority is required to keep for public examination in accordance with section 20 of the Environmental Protection Act 1990 and the Environmental Protection (Applications, Appeals and Registers) Regulations 1991. Sections 21 and 22 provide for certain information (affecting national security, or commercial confidentiality) to be excluded from the register. Such information should be clearly identified in this application form.

8 £800 in the case of initial applications.
   £530 in the case of applications for a substantial change.
   £530 in the case of processes transferred from previous HMIP control.
   £100 for small waste oil burners.
Fig 1
Bugbrooke Mills