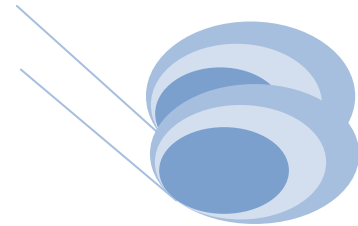


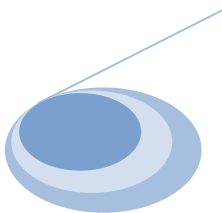
**Approval to process Animal by-Products in accordance with
Regulation EC No. 1069/2009 and EU No. 142 of 2011 using Brookes
Gasification method**

Information Note



Please note the following:

- A plant involved in the processing of Animal By-Product using the Brookes Gasification method must be approved by the Department of Agriculture, Food and the Marine (DAFM) and hold a valid certificate of authorisation in accordance with Article 24 (1)(a) of Regulation (EC) No. 1069/2009.
- The operator must comply with the European Communities (Animal By-Products) Regulations 2014 (S.I. No. 187 of 2014) and in accordance with Regulation (EC) No. 1069/2009 and Regulation (EU) No. 142/2011.
- The submitted application should demonstrate point-by-point compliance with the requirements of Section 2E, Chapter IV, Annex IV of Regulation (EU) No. 142/2011 in particular. (Include Annex if necessary).
- **Please note:** The application form must be completed by the ‘operator’. The operator is defined as ‘the natural or legal persons having an animal by-product or derived product under their actual control, including carriers, traders and users’.
- The completed application form and supporting documentation should be sent to Department of Agriculture Food and the Marine (DAFM), Milk and Meat Hygiene/ABP/TSE Division, (Animal By-Products Section), Grattan House, Grattan Business Centre, Dublin Road, Portlaoise, Co Laois, R32 RY6V.
- ***Applications that are incomplete, that contain insufficient or unsatisfactory information or that do not comply with conditions or legislative requirements will be returned to the applicant and a revised, fully completed application must be re-submitted.***



Issued 8th March 2017
Milk & Meat Hygiene/ABP/TSE Division

Application form for Approval to process Animal by-Products in accordance with Regulation EC No. 1069/2009 and EU No. 142 of 2011 using Brookes Gasification method

Please complete the application form in **block capitals** in black or blue ink. Please do not leave any section blank, or it may be returned to you for completion.

1. Applicant Details																																																																																																
Full Name:	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr> <tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr> </table>																																																																																															
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<p>Signature of Applicant (operator): _____</p> <p><i>The applicant must be the operator. 'Operator' means the natural or legal person having an animal by-product or derived product under their actual control, including carriers, traders and users.</i></p> <p>Print Name: _____</p> <p>Position within the plant: _____</p> <div style="display: flex; align-items: center; margin-top: 20px;"> <div style="margin-right: 10px;">Date:</div> <div style="border: 2px solid black; padding: 5px;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 30px;"></td> <td style="width: 20px; height: 30px;"></td> <td style="width: 20px; height: 30px;"></td> <td style="width: 20px; height: 30px;"></td> <td style="width: 20px; height: 30px;"></td> <td style="width: 20px; height: 30px;"></td> <td style="width: 20px; height: 30px;"></td> <td style="width: 20px; height: 30px;"></td> </tr> </table> </div> </div>																																																																																																

DAFM SHOULD BE NOTIFIED IMMEDIATELY OF ANY CHANGES TO THE ABOVE INFORMATION

2. Plant Location

(a) National grid co-ordinates (XY) of the plant:

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(b) Provide the following maps, plans and drawings:

- an Ordinance survey map (1:30,000 -50,000) (A3) of the area in which the plant is located, indicating the plant location on the map.
- a rural place map (1:10,000-12,000)(A3) indicating on the map
 - the plant site
 - the access route to the plant from the public road
 - the current use of the neighbouring land, e.g. farming, forestry, industrial etc
 - the distance from the plant to other premises/farms where farmed animals are kept
- a rural place map (1:2,500)(A3) indicating clearly on the map
 - the plant perimeter fence and access gates/ access points to the plant
 - the general plant layout (building/structure labelling not required)
- a site plan (1: 500-750) (A3) indicating the following:
 - the intake/ reception area/s
 - other structures on site and identification of same
 - the designated area for cleaning and disinfection of vehicles and wheelwash location
- a site plan or plans (1: 500-750) (A3) indicating the following flow plans clearly on the plan/s (*where a single plan is used, different flow plans should be shown using different coloured lines*)
 - a flow plan for raw materials through the plant from intake through to dispatch for both animal by-product and non- animal by-product materials
 - a personnel flow plan
 - machinery flow plans, including delivery, collection vehicles and on site vehicles
 - a waste water flow plan

3. HACCP Plan

Is a HACCP plan available with this application? If not, how soon will this plan become available?

The Processing Plant operator must provide DAFM with a HACCP plan to progress application.

4. Description of Animal By-Product Material being used

Category (Category 1, 2 or 3 or combination):

5. Plant Operation/Procedure: Intake, Transport, Ash Disposal

- Feedstock Intake Protocol, Intake Checks, Intake Log, Physical Checks, Batch Traceability:

- Maximum Quantity of ABP Material to be used per annum?

- How will the ABP Material be transported to your premises?

- Provide a description of the wheel-wash and vehicle cleaning area:

5. Plant Operation/Procedure: Intake, Transport, Ash Disposal contd...

- How do you intend to dispose of any un-used ABP Material and Ash?
- How will the ABP Carbon fuel to energy process be monitored/documentated?

6. Technology Equipment

- General Information:
- Provide a detailed description of the technology/equipment which will be used:

7. Brookes Gasification Parameters and Requirements

Transformation Parameter	REQUIREMENT TO BE MET
Afterburner Heated By Natural Gas	Yes <input type="checkbox"/> No <input type="checkbox"/> Additional Comments:
Primary Chamber Door Closed	Yes <input type="checkbox"/> No <input type="checkbox"/> Additional Comments:
Primary Chamber Heated by Direct Transfer by Conduction Of Heat From Afterburner Chamber	Yes <input type="checkbox"/> No <input type="checkbox"/> Additional Comments:
All Animal By-Products to be Volatised into Gaseous Complex Hydrocarbons	Yes <input type="checkbox"/> No <input type="checkbox"/> Additional Comments:
Gases to pass into the afterburner chamber and be burned in the flame of a natural gas fired burner in the presence of excess air	Yes <input type="checkbox"/> No <input type="checkbox"/> Additional Comments:
Each process unit must have two burners and two secondary air fans for back-up in case of burner or fan failure	Yes <input type="checkbox"/> No <input type="checkbox"/> Additional Comments:
Secondary chamber designed to give a minimum residence time of two seconds at a temperature of at least 950 °C under all conditions of combustion	Yes <input type="checkbox"/> No <input type="checkbox"/> Additional Comments:

AP35: Approval to process Animal by-Products using Brookes Gasification method

Transformation Parameter	REQUIREMENT TO BE MET
On leaving the secondary chamber the exhaust gases must pass through a barometric damper at the base of the stack, which cools and dilutes them with ambient air, maintaining a constant pressure in the primary and secondary chambers	Yes <input type="checkbox"/> No <input type="checkbox"/> Additional Comments:
Process carried out over a 24-hour cycle, which includes loading, processing, cool down and ash removal	Yes <input type="checkbox"/> No <input type="checkbox"/> Additional Comments:
At the end of the cycle the residual ash will be removed from the primary chamber by a vacuum extraction system into enclosed bags and sealed before transporting	Yes <input type="checkbox"/> No <input type="checkbox"/> Additional Comments:
The gasification of material other than animal by-products will not take place	Yes <input type="checkbox"/> No <input type="checkbox"/> Additional Comments:
Please Describe How Temperature & Time Parameters will be recorded & documented	

8. Other Information

Please provide details of any other relevant information:

DECLARATION

I, the undersigned declare that the information provided here is correct to my knowledge. The material will be used only as stated in this application form and will not be used for human consumption. I understand that I must comply with the conditions of any licence that may be granted to me.

Signature

Date

Block letters

Title

CONTACT DETAILS

For further information contact:

**Department of Agriculture, Food and the Marine,
Milk and Meat Hygiene/ABP/TSE Division,
(Animal By-Products Section),
Grattan House,
Grattan Business Centre,
Dublin Road, Portlaoise, Co. Laois
R32 RY6V**

Phone Number: 0761 064440

Fax Number: 057-8694386

Email Address: AnimalByProducts@agriculture.gov.ie