

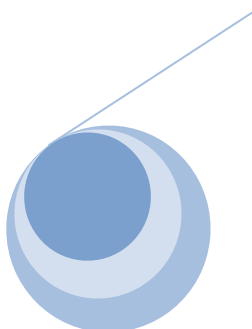


First-Stage Application Form for Approval in Principle to Construct a Combustion Plant (Category1 Meat and Bonemeal (MBM))

Information Note

Please note the following:

- In order to construct a combustion plant an 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.
- All personal data processed by the Department of Agriculture, Food and the Marine (DAFM) will take place in accordance General Data Protection Regulation and will only be for the purposes connected to the functions of this Department.
- **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’.
- Three copies of the completed application form and maps should be sent to: Department of Agriculture, Food and the Marine (DAFM), Milk and Meat Hygiene/ABP/TSE Division, (Animal By-Products), 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 14 December 2022
Milk & Meat Hygiene/ABP/TSE Division

AP60: First-Stage Application Form MBM Combustion Plant



An Roinn Talmhaíochta,
Bia agus Mara
Department of Agriculture,
Food and the Marine

First-Stage Application Form for Approval in Principle to Construct a Combustion Plant (Category 1 Meat and Bonemeal (MBM))

1. Applicant/Operator* Details

Full Name:

Address:

Eircode:

Company Registration Number or PPS Number:

VAT Number

Is /are there currently a herd number(s) registered in the applicant name? Yes ☐ No ☐

If yes, give herd number(s) and the full address(es) of holding(s), including county

Herd Number:

Holding Address:

Eircode:

Signature of Applicant (operator):

*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. Where the operator is a corporate entity the person signing the application must be in a position of authority that he/she can bind the company.*

Print Name:

Position within the plant:

Phone Number (Landline):

Phone Number (Mobile):

Email Address:

Date:

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

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2. Plant Details	
Plant Name:	
Plant Address:	
Eircode:	
Phone Number (Landline):	
Phone Number (Mobile):	
Email Address:	

3. Consultant Details (if applicable)	
Consultant Name:	
Consultant Address:	
Eircode:	
Phone Number (Landline):	
Phone Number (Mobile):	
Email Address:	

4. Name, address and details of person for correspondence:	
Name:	
Address:	
Eircode:	
Phone Number (Landline):	
Phone Number (Mobile):	
Email Address:	

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5. 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 on the plan
 - the intake/reception area/s
 - the area where the combustion parameters are achieved
 - storage structures/areas (please detail whether the storage area is enclosed)
 - the plant office
 - personnel changing and washing facilities
 - footbath points
 - other structures on site and identification of same
 - the designated area for cleaning and disinfection of vehicles and wheel-wash 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 feedstock through the plant from intake through to dispatch
 - a flow plan for rejected materials if envisaged
 - a personnel flow plan
 - machinery flow plans, including delivery, collection vehicles and onsite vehicles
 - a leachate and wastewater flow plan if applicable
- a sectional drawing of the feedstock reception building at the intake area

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- (c) Provide a description of the wheel-wash and vehicle cleaning area, and plans of same where relevant.

- (d) Provide information on how and where wastewater and leachate will be collected, stored, and reused/disposed of.

- (e) Provide detail of the perimeter fence specifications

- (f) Is the proposed plant located on a farm? **Yes** ☐ **No** ☐

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6. FEEDSTOCK

6.1 Feedstock

Per Hour

Per Annum

6.1.1 What is the maximum tonnage capacity for the plant per hour and per annum?

6.1.2. What feedstocks will be used in the combustion plant?

6.1.3. What is the source of the feedstocks, including plant approval number?

7. PLANT OPERATION

Provide a description of the plant operation, from feedstock acceptance through to end-product/residue dispatch.

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GENERAL COMBUSTION PLANT SPECIFICATIONS

1. Will the Combustion Plant be designed, built, equipped and operated in such a way that even under the most unfavourable conditions the animal by-products and derived products are treated for at least for 2 seconds at a temperature of 850 °C or for at least 0,2 seconds at a temperature of 1 100 °C.

Yes ☐ No ☐ N/A ☐

2. Will the gas resulting from the process be raised in a controlled and homogeneous fashion for 2 seconds to a temperature of 850 °C or for 0,2 seconds to a temperature of 1 100 °C. (The temperature must be measured near the inner wall or at another representative point of the combustion chamber, as authorised by the competent authority.)

Yes ☐ No ☐ N/A ☐

3. Will automated techniques be used to monitor the parameters and conditions relevant to the combustion process?

Yes ☐ No ☐ N/A ☐

4. Will temperature measurement results be recorded automatically and presented in an appropriate fashion to enable the competent authority to verify compliance with the permitted operating conditions referred to in points 1 and 2 in accordance with procedures to be decided upon by the Department of Food and the Marine?

Yes ☐ No ☐ N/A ☐

5. Will the operator of the combustion plant ensure that the fuel is combusted in such a way that the total organic carbon content of the slags and bottom ashes is less than 3 % or their loss on ignition is less than 5 % of the dry weight of the material?

Yes ☐ No ☐ N/A ☐

6. Will combustion residues be minimised in their amount and harmfulness. (Such residues must be disposed of in accordance with relevant European Union legislation.)

Yes ☐ No ☐ N/A ☐

7. Will the transport and intermediate storage of dry residues, including dust take place in closed containers or in another way which prevents dispersal into the environment?

Yes ☐ No ☐ N/A ☐

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8. Will the combustion plant be equipped with facilities which automatically shut down operations in the case of a breakdown or abnormal operating conditions until normal operations can be resumed?

Yes ☐ No ☐ N/A ☐

9. Will incompletely combusted animal by-products and derived products be combusted again or disposed of by means referred to in Articles 12 of Regulation (EC) No 1069/2009 other than disposal in an authorised landfill?

Yes ☐ No ☐ N/A ☐

SPECIFIC MBM COMBUSTION PLANT SPECIFICATIONS

1. Will the combustion plant have total rated thermal input not exceeding 50 MW?

Yes ☐ No ☐ N/A ☐

2. Will the starting material be Category 1 meat-and-bone meal alone or a mixture of meat-and-bone meal, rendered fat and manure?

Yes ☐ No ☐ N/A ☐

3. Will the meat-and-bone meal used as a fuel for combustion: (a) meat-and-bone meal be stored in the combustion plant securely in a closed storage protected from access of animals and not be sent to another destination unless authorised by the Department of Agriculture, Food and the Marine in case of break down or abnormal operating conditions?

Yes ☐ No ☐ N/A ☐

4. Will the combustion plant be equipped with: (i) an automatic or continuous fuel management system to place the fuel directly in the combustion chamber without further handling; (ii) an auxiliary burner which must be used during start-up and shutdown operations to ensure that the temperature requirements set out in Section 2(2) of Chapter IV of Annex III of Regulation (EU) No. 142/2011 are met at all times during those operations and as long as unburned material is in the combustion chamber?

Yes ☐ No ☐ N/A ☐

5. Will the combustion plant in which meat-and-bone meal of Category 1 material is used as a fuel shall comply with the requirements set out in Chapter IV of Annex III of Regulation (EC) No. 142/2011?

Yes ☐ No ☐ N/A ☐

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8. OTHER RELEVANT INFORMATION

Please provide any other information considered relevant to your application

DECLARATION

I, the undersigned, declare that the information provided here, is correct to the best of my knowledge and belief. I understand that I must comply with national and EU legislation and any conditions set out by the Department of Agriculture, Food and the Marine. If I cease to use the authorisation, I will notify the Department of Agriculture, Food and the Marine and return my Approval in Principle.

Signature:

Date:

Print Name:

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: 057 869 4399

Email Address: animalbyproducts@agriculture.gov.ie