



The Animal By-Products (Enforcement) (England) Regulations 2013
The Animal By-Products (Enforcement) (Scotland) Regulations 2013
The Animal By-Products (Enforcement) (Wales) Regulations 2014
Regulation (EC) No. 1069/2009 laying down health rules concerning
animal by-products not intended for human consumption

Application and Inspection Form for Approval of On-Farm Combustion Plants in which Poultry Manure is Used as a Fuel

APHA address:
ABP Team
APHA Customer Service Centre
County Hall
Spetchley Road
Worcester, WR5 2NP

Date Received

Ref. No.

Date of Inspection

Name of applicant

Name of operator or company if different

Full postal address of premises

Postcode

Telephone no. (incl. national dialling code)

Fax no. (incl. national dialling code)

Email address

CPH No (if applicable)

Important - Instructions for applicant. The sections of this application form follow the general layout explained below.

- **Legal requirements.** This section provides a summary of the basic requirements which must be met before an approval can be issued. Applicants should ensure their premises comply fully with these requirements before sending in their application for approval. This application form can only be used for approval for on-farm combustion plants using poultry manure as fuel.
- **Guidance.** These notes provide a summary only and should not be taken as exhaustive.
- **Details.** Information to be provided by the applicant. If insufficient space is provided on this form, please continue on the attached blank pages, quoting the relevant section number.
- **Online Guidance.** Please refer to <https://www.gov.uk/guidance/get-approval-to-burn-poultry-manure-in-a-combustion-unit> before completing this form.

Once you have completed this form, please send the signed copy to the ABP Team (address above or email to CSCOneHealthABP@apha.gov.uk

Online Fee Guidance

There are application fees and ongoing inspection fees that apply. Please refer to the relevant legislation below:

- **England** - [The Animal By-Products and Pet Passport Fees \(England\) Regulations 2018](#)
- **Scotland** - [The Animal By-Products and Pet Passport Fees \(Scotland\) Regulations 2018](#)
- **Wales** - [The Animal By-Products and Pet Passport Fees \(Wales\) Regulations 2018](#)

Customer (company)
name

Please note:

- details in the customer name field above must be entered **exactly** as they will appear on invoices
- the customer name must be the **full legal trading name**
- **do not** use initials and acronyms

Are you a government department or public organisation?

Yes

No

Billing Address for company (if different from Correspondence Address above):

Postcode	
Country	
VAT registration number	
Contact for invoices/billing	
Contact email address (for all invoices relating to the above site)	
Full name of contact	
Telephone number	

Legislation. Regulation (EC) No. 1069/2009 (The Animal By-Products Control Regulation), Regulation (EU) No. 142/2011 (The Animal By-Products Implementing Regulation) and The Animal By-Products (Enforcement) (England) Regulations 2013, The Animal By-Products (Enforcement) (Scotland) Regulations 2013 and The Animal By-Products (Enforcement) (Wales) Regulations 2014.

Other legislation requiring planning permission and environmental protection may apply. It is the operator's responsibility to ensure that the plant operates in compliance with all relevant legislation.

Additional Guidance. Only poultry manure that is unprocessed (has not received any prior treatment) and produced by poultry on the same site may be used as fuel. Poultry manure produced by poultry off-site may be used in accordance with Regulation (EU) 2017/1262 amending Regulation (EU) No.142/2011. Ash must be disposed of in accordance with Environment Agency/Scottish Environmental Protection Agency/Natural Resource Wales requirements.

1. Combustion Plant Capacity

Additional Guidance. Only on-farm combustion plants with a total rated thermal input not exceeding 5MW can be approved under the Animal By-Products (ABPs) Regulations.

Information Required:

How many combustion chambers are there?

At what capacity does each combustion plant operate?

Provide confirmation of the operating capacity of the plant, for example the manufacturer's declaration.

What is the Make and Model of the combustion plant?

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2. Plant Layout

Plans Required:

- 1) A plan of the farm showing the location of the combustion plant in relation to other buildings, livestock and public roads.
- 2) A plan showing the layout of the premises, to include the access route, storage area for the manure and a designated area for cleaning vehicles.

Describe how the combustion plant is separated from the farmed animals, their feed and bedding.

Describe how the poultry manure to be used as fuel is transferred from the production shed to the combustion plant's storage area.

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3. General Requirements

Information Required

- 1) There must be equipment to cleanse and disinfect the vehicles leaving the combustion plant area.
- 2) Wash water must be collected and disposed of in a manner that satisfies the Environment Agency /Scottish Environment Protection Agency/Natural Resources Wales.
- 3) Combustion plants must be located on a well-drained hard standing.
- 4) There must be a documented pest control programme. Records must be kept for two years.
- 5) Staff must have access to adequate facilities for personal hygiene such as lavatories, changing rooms and washbasins.
- 6) There must be a documented cleaning and disinfecting protocol. Records must be kept for two years.
- 7) Records must be kept by the operator of the regular inspection of the combustion plant and its environment.

Information Required:

Describe how the plant will comply with the requirements. A sample of how the required records will compiled and presented either in physical or electronic format should accompany this application.

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4. Storage of Manure Awaiting Combustion

Additional Guidance

Poultry manure awaiting combustion must be stored in an enclosed area. There should be minimal further handling. Care must be taken to ensure that there is no cross contamination with other areas of the farm, for example by personal movements or shared vehicles.

Information Required:

Describe the system for storing manure awaiting combustion and the precautions being taken to prevent cross contamination.

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5. Combustion Plant Equipment

Guidance:

The combustion plant must be equipped with:

- 1) An automatic fuel management system which place the fuel directly in the combustion chamber without further handling.
- 2) An auxiliary burner (to be used during start up and shut down to ensure that the temperature (850°C) is maintained).

Information Required:

Tick the Yes/No boxes to confirm that the combustion plant has the following equipment:

An automatic fuel management system to place the manure directly into the combustion chamber without further handling.

Yes No

An auxiliary burner.

Yes No

6. Operating Conditions

Additional Guidance

Combustion plants must be designed, built, equipped and operated in such a way that even under the most unfavourable conditions the ABPs are treated for at least for two seconds at a temperature of 850°C or for at least 0.2 seconds at a temperature of 1100°C and that the gas resulting from the process is raised in a controlled and homogeneous fashion for two seconds to a temperature of 850°C or for 0.2 seconds to a temperature of 1100°C.

Information Required:

Enclose a technology supplier's declaration to confirm that the equipment can operate to these standards.

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7. Temperature Monitoring

Additional Guidance

The temperature must be measured near the inner wall or at another representative point of the combustion chamber, as authorised by the competent authority.

Automated techniques shall be used to monitor the parameters and conditions relevant to the combustion process.

Information Required:

Describe the location of the temperature probe. Describe how the temperature will be monitored and the results presented to the inspector.

8. Slags and Bottom Ash

Additional Guidance

The fuel must be combusted so that the total organic content of the slags and bottom ash is less than 3%, or their loss on ignition is less than 5% of the dry weight of the material.

Information Required:

Describe how this information will be presented to the inspector.

9. Emissions

Additional Guidance

The emissions of sulphur dioxide, nitrogen oxides (namely the sum of nitrogen monoxide and nitrogen dioxide, expressed as nitrogen dioxide) and particulate matter from the stack attached to the on farm combustion plant using poultry manure as fuel shall not exceed the following emission limit values, expressed in mg/Nm³ at a temperature of 273,15 K, a pressure of 101,3 kPa and an oxygen content of 11%, after correction for the water vapour content of the waste gases:

Pollutant	Emission limit value in mg/Nm ³
sulphur dioxide	50
nitrogen oxides (as NO ₂)	200
particulate matter	10

Information Required:

- 1) At the second approval visit provide information from the certifying organisation to show the inspector that the combustion plant is meeting the required emissions standards. A further unannounced visit will then take place within six months to ensure the standard has been maintained.
- 2) The Report compiled and submitted on behalf of the operator must contain the results of the emissions monitored, the dates on which it was undertaken and the laboratory used for the testing along with confirmation the combustion plant was operating according to the requirements set out in section 8 when the measurements were made.

- 3) A statement from the certifying organisation saying that provided the equipment is operated in accordance with the technology supplier's requirements the emissions will be below the values given above.

Does the combustion plant have secondary abatement equipment?

Yes No

10. Breakdown or Abnormal Operating Conditions

Additional Guidance. The combustion plant shall 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.

In the event of inefficient operation, manure that has not been fully reduced to ash must be re-combusted or disposed of as a waste by incineration or other means. It must not be disposed of to landfill.

Information Required:

Describe the way in which the plant will shut itself down in the event of breakdown or abnormal operating conditions and the procedure by which the cause of the breakdown will be fixed and normal operations resumed.

In the event of a breakdown or inefficient operation state how the poultry manure will be stored or disposed of.

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Signature of applicant

Date

DATA PROTECTION

For information on how we handle personal data please go to www.gov.uk and search Animal and Plant Health Agency Personal Information Charter.

This application only relates to the Animal By-Products Regulations. It does not relate to such matters as planning permission or environmental control. It is likely that other authorisations will be required.

Following a satisfactory inspection report a conditional approval will be granted, typically for a period of six months. During this time APHA will carry out further visits. You must demonstrate that all the requirements for the system operated can be met.

Data Protection Act

Details of the name, address and type of the business and its registration number will be made publicly available. This is to enable those in possession of animal by-products to identify legitimate outlets and to enable us to meet EU obligations to provide details of registered premises to the European Commission and other member States. The above details may also be used by Defra, Scottish Government and Welsh Government respectively and shared with each other and with public bodies for the purposes of the Animal By-Products Regulations and related issues, and for consultation on issues of relevance to your business. All of the details on this application form may be made available to the local authorities and other public bodies for enforcement and policy purposes.

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Inspector Comments

Inspector Recommendation:

- Reject
- Further work needed
- Approve

Inspector Name:

Grade:

Notes for inspecting officer on issuing approval

- 1) In England and Wales, if necessary, obtain AB58 holder countersignature. The ABP Team, CSC One Health hold a list of all AB58 holders.
 In Scotland send to the Lead VO
- 2) In England and Wales if agreed by AB58 Holder, issue approval
 In Scotland send to Scottish Government to issue approval
- 3) In England and Wales copy to:
 - CSC One Health: CSCOneHealthABP@apha.gov.uk
 - Local Authority
 - Environment Agency/Natural Resources Wales
 In Scotland, copy to the Scottish Environment Protection Agency

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AB58 holder Authorisation

Comments and mark forward date

AB58 Holder Signature	<input type="text"/>
Name	<input type="text"/>
Date	<input type="text"/>

- **In England and Wales, amendments to approvals and suspension of approvals are carried out by the AB58 Holders. The ODN may be consulted in formulating a recommendation.**
- **In Scotland, amendments and suspensions are carried out by the Scottish Government. The ODN may be consulted in formulating a recommendation.**

APHA is an Executive Agency of the Department for Environment, Food and Rural Affairs and also works on behalf of the Scottish Government, Welsh Government and Food Standards Agency to safeguard animal and plant health for the benefit of people, the environment and the economy.

HM3 Stamp	Name:	<input type="text"/>	Date Received:	<input type="text"/>	WS ID:	<input type="text"/>
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