

Application for an environmental permit

Part C2.5 – Variation to a bespoke permit to add a new MCP/SG permitted activity or to vary an existing MCP/SG standalone permit



<p>Fill in this part of the form, together with parts A and F1 if you are applying to vary (change) the conditions or any other part of the permit.</p> <p>Please check that this is the latest version of the form available from our website.</p> <p>You only need to give us details in this application for the parts of the permit that will be affected (for example, if you are adding a new facility or making changes to existing ones).</p> <p>You do not need to resend any information from your original permit application if it is not affected by your proposed changes.</p>	<p>Please read through this form.</p> <p>The form can be:</p> <ol style="list-style-type: none">1) saved onto a computer and then filled in. Please note that the form follows a logic that means questions will open or stay closed depending on a previous answer. So you may not be able to enter text in some boxes.2) printed off and filled in by hand. Please write clearly in the answer spaces. <p>It will take less than one hour to fill in this part of the application form.</p> <p>Contents</p> <ol style="list-style-type: none">1 About the permit you wish to vary2 Emissions to air3 MCP/SG Emissions Monitoring4 Supporting information5 How to contact us <p>Appendix 1 – Specific questions for the MCP/SG</p>
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1 About the permit you wish to vary

1a Discussions before your application

If you have engaged in discussions with us before making this application please give us the reference number of any relevant documentation.

Document reference

1b What is the number of the permit you wish to vary?

1c Site details

What is the name, address and postcode of the site?

Site name

Address

Postcode

1 About the permit you wish to vary, continued

1d Listed activities

Fill in Table 1 with details of what you are applying to vary.

Table 1 – with example

Listed activities							Document reference of proposed changes
Installation/regulated facility or site name	Schedule-1 (or other) or Schedule 25A/25B references (see note 1)	Description of the activity (see note 2)	Activity capacity (see note 3)	Description of existing activity	Description of proposed change	Document reference of proposed changes	
Peter's Crisps	6.8A(1)(d)(ii)	Producing fruit & vegetables	350 tonnes/day	Food and Drink manufacturing unit	Addition of new Medium Combustion Plant	Ref: MCP 1	
Barn Farm	6.9A(1)(a)(i)	Rearing of poultry	494,500 bird places	Intensive livestock	Addition of 46,500 bird places	Non-Technical Summary Sep22	
	6.9A(1)(a)(ii)	Rearing of Pigs	5500 pig places	Intensive livestock	Removal from the permit	Non-Technical Summary Sep22	
	6.9A(1)(d)(ii)	Rearing of poultry	494,500 bird places	Intensive livestock	Addition of Medium Combustion Plant	Non-Technical Summary Sep22	
	5.1B(vi)	Carcass incineration	50 kg/hr	Incineration of chicken and pigs	Removal of pig incineration		
Directly associated activities (see note 4)							
Description of the DAA (identifying the schedule-1 activity or activities it serves)							
Name of DAA							
Keeping Sows							
Rearing pigs up to 30kg							
Related to 6.9A(1)(a)(i) - Rearing of Pigs and to be removed form the permit							
Related to 6.9A(1)(a)(ii) - Rearing of Pigs and to be removed form the permit							
Total storage capacity (see note 5)							
Annual throughput (tonnes each year)							

1 About the permit you wish to vary, continued

Notes

- 1 Quote the section number, part A(1) or A(2) or B, then paragraph and sub-paragraph number as shown in part 2 of schedule 1 to the regulations. For other regulated facilities quote the EPR Schedule that applies, i.e. Schedule 9 for a waste operation. If amending an existing MCP/SG then use Schedule 25A or Schedule 25B as appropriate.
- 2 Use the description from the schedules of the regulations. Include any extra detail that you think would help to accurately describe what you want to do.
- 3 By 'capacity', we mean the total incineration capacity (tonnes every hour) for waste incinerators, the total landfill capacity (cubic metres) for landfills, the total treatment capacity (tonnes every day) for waste treatment and the total storage capacity (tonnes) for waste-storage operations, the processing and production capacity for manufacturing operations or the thermal input capacity for combustion activities.
- 4 Fill this in as a separate line and give an accurate description of any other activities associated with your schedule-1 activities. You cannot have DAAs as part of a mobile plant application or waste/mining waste operation.
- 5 By 'total storage capacity', we mean the maximum amount of waste (in tonnes) you store on the site at any one time.

1e Type of variation

Tick the box to tell us which type of variation you are applying for:

- Minor technical
- Normal variation
- Substantial

Definitions of these terms are available via: <https://www.gov.uk/government/publications/environmental-permitting-charges-guidance/environmental-permitting-charges-guidance#vary>

1f Changes to existing activities

Provide a brief summary of the changes you are proposing to make in the space below

The current EA permit includes three separate livestock units: Barn Farm broilers, Poplar Farm broilers and Barn Farm pigs. A decision was reached in late 2021 to cease pig production and the last pigs left the site in May 2022. There are no proposed changes to the size or operation of Poplar Farm.

It is proposed to construct an additional broiler house on part of the site occupied by the pig unit, bringing the total number of houses to six with a total number of bird places of 289,000. The bird place numbers at Poplar remain unchanged at 262,000

Whilst the operation of the enlarged broiler farm would not change, there is a change to the form of heating used. Currently LPG is used to heat the sheds. A biomass boiler using straw as its fuel will replace LPG. The biomass boiler is located in a dedicated building with adjacent covered straw storage. The thermal input of the burner is rated at 1.79kw and is categorised as a Medium Combustion Plant. The energy generated by the burner will be used to heat water which will then be pumped into each of the broiler sheds

2 Emissions to air

Fill in Table 2 with details of the emissions that will result from the changes you are proposing to make to your existing activities.

Table 2 – Emissions

Installation or Regulated Facility name				
Point-source emissions to air resulting from proposed change				
Emission-point reference and location (NGR/Latitude & Longitude)	Source	Parameter	Concentration	Units
SK947518 494729,357876	Chimney Flue			

2a Is your permit variation application for the addition of a new MCP/SG onto your existing IED Installation?

No

Yes You need to review the BAT assessment for your new installation including the additional MCP/SG and any associated fuel storage facilities

If this is the case provide the document reference number _____

2 Emissions to air, continued

2b Is your permit variation application for a new activity or substantially refurbished activity for medium combustion plants with a total aggregated thermal input of 20MW thermal or more?

No

Yes You must either submit a report which shows how your MCP also meets the requirements of Schedule 24 of the Environmental Permitting Regulations which implement the relevant requirements of the Energy Efficiency Directive (2012/27/EU) (see www.gov.uk/guidance/energy-efficiency-standards-for-industrial-plants-to-get-environmental-permits#additional-requirements-for-new-and-substantially-refurbished-combustion-plants) or provide an explanation of why Schedule 24 does not apply in your case

2c Permit variation application for a new MCP

Is your unit greater than or equal to 20MW thermal?

No

Yes

Is your unit one that burns waste biomass as described in Article 3(18)(b) of the Medium Combustion Plant Directive?

No

Yes

If you have answered Yes to either or both of these questions you should confirm whether the MCP falls under the description of an EPR Part B activity as set out below:

Do any of the MCPs on site meet the criteria of a Schedule 1, Part 2, Chapter 1, section 1.1 Part B activity?

No

Yes

Do any of the MCPs on site meet the criteria of a Schedule 1, Part 2, Chapter 5, section 5.1 Part B activity?

No

Yes

If you have answered Yes to either of these questions, then you must complete a Best Available Techniques assessment in line with the relevant Environmental Permitting technical guidance note (see <https://www.gov.uk/guidance/part-b-activities-combustion-and-incineration-permits>).

If this is the case provide the document reference number

2d Habitats screening for MCP and/or SG

If there are habitats within the screening distance for your new plant then you need to complete an H1 assessment and possibly air quality modelling. This work will be submitted in a supporting document.

If this is the case provide the document reference number

_____ No habitats within the screening distance of the new plant

2e Does your application refer to an existing Mining Waste activity?

No

Yes

2e1 If yes, does your application propose a change in how you currently use or dispose of your waste gas?

No

Yes You must submit an amended Waste Management Plan (WMP) which covers the changes in your permitted activity to reflect the operation of your new MCP/SG. (See Appendix 6 in the guidance <https://www.gov.uk/government/publications/mining-waste-operations-epr-614-additional-guidance>)

Document reference of the amended WMP

2f Is your permit variation application for a SG where a unit is greater than or equal to 20MW thermal?

No

Yes You should confirm whether it falls under the description of an EPR Part B activity as set out in 2c

No

Yes You must complete a Best Available Techniques (BAT) assessment in line with the relevant Environmental Permitting technical guidance note (see <https://www.gov.uk/guidance/part-b-activities-combustion-and-incineration-permits>)

If this is the case provide the document reference number

2 Emissions to air, continued

2g Are you applying for an SG permit that does not require dispersion modelling to assess the risk to the environment from proposed emissions to air?

No

Yes Please provide a completed copy of the Environment Agency's new 'Specified Generator Tranche B screening tool' to support your decision. This is available via <https://www.gov.uk/guidance/specified-generators-dispersion-modelling-assessment>

2h Are you applying for an SG permit that requires dispersion modelling to assess the risk to the environment from your proposed emissions to air?

No

Yes Please refer to 'Guidance on dispersion modelling for oxides of nitrogen assessment from specified generators' available via <https://www.gov.uk/government/collections/medium-combustion-plant-and-specified-generator-regulations>
Please also submit a copy of your completed modelling report and modelling input files to us in support of your application

If you have used the Environment Agency's new 'Specified Generator Tranche B screening tool' (available via <https://www.gov.uk/guidance/specified-generators-dispersion-modelling-assessment>) to help make your decision please also supply a completed copy of this tool with your application.

Where you wish to use a different methodology to assess the environmental impact, that methodology must address the same issues to an equivalent level of detail. The purpose of the environmental risk assessment is to demonstrate that the impacts of your proposals will be acceptable.

2i Information for MCP/SG

You must complete this section for all applications.

Complete the checklist(s) in Appendix 1 for the MCP/SG which are the purpose of this permit variation application. This is additional to the information you may provide in the following sections of this application form.

If your variation relates to a combustion plant that is both a new Medium Combustion Plant and a Specified Generator then you need to complete both checklists in Appendix 1.

3 MCP/SG Emissions Monitoring

Give details of the emissions monitoring you will undertake regarding the operation of your new MCP/SG. See M5 reference via <https://www.gov.uk/government/publications/m5-monitoring-of-stack-gas-emissions-from-medium-combustion-plants-and-specified-generators>

Emissions monitoring to be carried out on commissioning

Proposed annual monitoring by MCERTS certified contractor

4 Supporting information

4a Provide a non-technical summary of your application to vary your existing permit

Write a non-technical summary that explains your application in non-technical language as much as possible avoiding technical terms, detailed data and scientific discussion. It should include a summary of the regulated facility, a summary of the key technical standards and control measures arising from your risk assessment and how the subject of your application fits with the existing permitted activity(s). If your application is for mobile plant describe the mobility of your plant and how you intend to operate.

Document reference of the summary

Revised Non-Technical Summary Sep 2022

4 Supporting information, continued

4b Is the boundary of your existing site being extended to accommodate the addition of a MCP/SG?

- No Submit a copy of the existing site plan showing the location of the new plant
- Yes Submit an amended site plan to show the new boundary and where the new plant will be located. If your existing permit relates to an EPR Installation or Waste Operation, also submit an updated site condition report to include the land enclosed by the boundary extension. (See section 5 of the guidance note 'C2' available via https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/783854/Form-guidance-Part_C2-vary-a-bespoke-permit.pdf)

Document reference or references of the plans and
Site Condition Report

5 How to contact us

If you need help filling in this form, please contact the person who sent it to you or contact us as shown below.

General enquiries: 03708 506 506 (Monday to Friday, 8am to 6pm)

Textphone: 03702 422549 (Monday to Friday, 8am to 6pm)

Email: enquiries@environment-agency.gov.uk

Website: www.gov.uk/government/organisations/environment-agency

If you are happy with our service, please tell us. It helps us to identify good practice and encourages our staff. If you're not happy with our service, please tell us how we can improve it.

Please tell us if you need information in a different language or format (for example, in large print) so we can keep in touch with you more easily.

Appendix 1 – Specific questions for the MCP/SG**Medium Combustion Plant checklist**

Information to be provided by the operator to the competent authority for each Medium Combustion Plant

MCP Site specific identifier*	JUE SD1 323 3445 Plant No;05 08 07 23 04			
Grid reference of the location of the MCP (either NGR or Latitude/Longitude)	Easting	Northing	Latitude	Longitude
	494729	357876	53.109674	-0.58632553
Rated thermal input (MW) of the MCP	1.79			
Type of MCP (e.g. boiler)	biomass boiler - Justsen Flex 19			
Type of fuels used: gas oil (diesel), natural gas, gaseous fuels other than natural gas	Cereal Straw			
Date when the new MCP was first put into operation	01/11/2022			
Sector of activity of the MCP or the facility in which it is applied (NACE code**)	01.47			
Expected number of annual operating hours of the MCP	5,000.0			
Average load in use (%)	50.0			
Where the option of exemption under Article 6(8) is used, a declaration signed here by the operator (as identified on Form A) that the MCP will not be operated more than the number of hours referred to in this paragraph	not applicable			
Stack height (m)	10.50			
Distance to nearest human receptor (m)	174.00			
Distance to nearest ecological receptor (m)	1,000.00			

* identifier – the MCP must be traceable via a serial number or other unique identifier, name plate, manufacturer and or model.

** NACE code – means Nomenclature of Economic Activities and is the European statistical classification of economic activities, see <http://www.export.gov.it/files/EEN/ListNACEcodes.pdf>.To find the 12-digit grid reference you can search on the UK Grid Reference Finder website at <http://www.gridreferencefinder.com>.**Generator checklist**

Information to be provided by the operator to the competent authority for each generator which comprises the Specified Generator (Excluded generators are not required to be included in this table). If you have more than one generator please provide the additional information on a supporting sheet.

Specific identifier*	Section not applicable			
Rated thermal input of generator in MW thermal				
Total rated thermal input of all generators on site in MW thermal				
Grid reference of the location of the SG (either NGR or Latitude/Longitude)	Easting	Northing	Latitude	Longitude
Commissioning date (MM/YYYY)				
Fuel				
Technology (engine/turbine)				
Annual hours				
Annual load (%)				
Distance to nearest human receptor (m)				
Distance to nearest ecological receptor (m)				
Background NO ₂ (µg/m ³)				
If your generator is in an AQMA please give details				

* identifier – the SG should be traceable via a serial number or other unique identifier, name plate, manufacturer and or model.

For each generator provide the 12-digit Ordnance Survey national grid reference, or Latitude and Longitude expressed to 4 decimal places, e.g. Latitude 50.6154, Longitude -1.1765.