

Application for an environmental permit Part B2.5 – New Medium Combustion Plant and/or Specified Generator bespoke permit



Fill in this part of the form together with Parts A and F1 if you are applying for a new Medium Combustion Plant and/or Specified Generator bespoke permit. If you are varying an existing installation complete this form and form C2.

Please read through this form and the guidance notes that are included within it.

The form can be:

- 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.

It will take less than two hours to fill in this part of the application form.

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1 About the permit

1a Discussions before your application

If you have had discussions with us before your application, give us the permit reference number or details on a separate sheet. Tell us below the reference number you have given to this extra sheet.

Permit or document reference for the extra sheet

If you have an existing installation or waste operation environmental permit please quote the reference number here

1b What is your permit for?

- A stationary Medium Combustion Plant (MCP) Now fill in sections 2a, 2b and 2c
- A stationary Specified Generator (SG) Now fill in sections 2d, 2e and 2f
- An MCP which is also an SG Now fill in sections 2a to 2f*
- A mobile SG Now go to section 2g

* Operators should note that if your application is for a new MCP which is also an SG then both sets of information should be provided. You should also note that in determination of the application the tighter of the two standards will apply in the permit.

2 About your MCP/SG

2a For each stationary MCP what is the address, postcode and national grid reference of where the plant is located?

Site name

Address

Postcode

National grid reference or latitude/longitude for the MCP

For example, ST 12345 67890, or Latitude 50.6154, Longitude -1.1765.

To find out the 12-digit grid reference you can search on the UK Grid Reference Finder website at www.gridreferencefinder.com.

For each subsequent MCP at the same address, please confirm the NGR or latitude/longitude for that particular plant.

For example, ST 12345 67890, or Latitude 50.6154, Longitude -1.1765.

2 About your MCP/SG, continued

National grid reference or latitude/longitude for the MCP

National grid reference or latitude/longitude for the MCP

National grid reference or latitude/longitude for the MCP

For each of your MCP activities complete Appendix 1.

2b Is your permit application for a new activity or substantially refurbished activity for MCPs 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 an explanation of why Schedule 24 does not apply in your case.

2c Is your permit application for an MCP:

A unit greater than or equal to 20MW thermal?

No

Yes

One that burns waste biomass as described in Article 3(18) (b) of MCPD?

No

Yes

If so you should confirm whether it 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 Chapter 1, Section 1.1 Part B activity?

No

Yes

Do any of the MCPs on site meet the criteria of a 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 supporting information that accompanies this form on Citizen Space website) and submit it in support of your application.

Please tell us the name of the local authority in which your MCP is located

2d For a stationary SG what is the site name, address, postcode and national grid reference?

The 'site' means all the land the activity occupies. The grid reference should be taken at the centre of the site.

Give the site name and address.

Site name

Address

Postcode

National grid reference or latitude/longitude for the SG

For the SG provide the 12-digit Ordnance Survey national grid reference, or Latitude and Longitude expressed to 4 decimal places, for example Latitude 50.6154, Longitude -1.1765.

For each generator which comprises the Specified Generator complete Appendix 2.

2 About your MCP/SG, continued

2e Is your permit application for a new activity or substantially refurbished activity for an SG 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 an explanation of why Schedule 24 does not apply in your case.

2f Is your permit application for an SG that is a unit 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 below:

Does the SG on site meet the criteria of a Chapter 1, Section 1.1 Part B activity?

No

Yes You must complete a Best Available Techniques assessment in line with the relevant Environmental Permitting technical guidance note (see supporting information that accompanies this form on Citizen Space website) and submit it in support of your application.

Please tell us the name of the local authority in which your SG is located

2f1 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 with this application form.

2f2 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 with this application form.

And 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' to help make your decision please also supply a copy of that completed 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.

2g For a mobile SG what is the site name, address, postcode and national grid reference?

The 'site' means all the land the activity occupies. The grid reference should be taken at the centre of the site.

Give the site name and address.

Site name

Address

Postcode

National grid reference or latitude/longitude for the mobile SG

For the SG provide the 12-digit Ordnance Survey national grid reference, or Latitude and Longitude expressed to 4 decimal places, for example Latitude 50.6154, Longitude -1.1765.

Do you want the option of deploying your mobile SG to an Air Quality Management Area? (for location of AQMA's see <https://uk-air.defra.gov.uk/aqma/maps>)?

No

Yes Tell us the background concentration of nitrogen dioxide (expressed as an annual mean in $\mu\text{g}/\text{m}^3$) in that area.

If your mobile SG is also an MCP you must complete Appendix 1.

3 Your ability as an operator

3a Relevant offences

Have you, or any other relevant person, been convicted of any relevant offence?

No Now go to question 3b

Yes Please give details below

Name of the relevant person

Title (Mr, Mrs, Miss and so on)

First name

Last name

Date of birth (DD/MM/YY)

Position held at the time of the offence

Name of the court where the case was dealt with

Date of the conviction (DD/MM/YYYY)

Offence and penalty set

Date any appeal against the conviction will be heard (DD/MM/YYYY)

If necessary, use a separate sheet to give us details of other relevant offences and tell us below the reference number you have given the extra sheet.

Document reference of the extra sheet

3b Finances

Please note that if you knowingly or carelessly make a statement that is false or misleading to help you get an environmental permit (for yourself or anyone else), you may be committing an offence under the Environmental Permitting (England and Wales) Regulations 2016.

Do you or any relevant person or a company in which you were a relevant person have current or past bankruptcy or insolvency proceedings against you?

No Now go to question 3c

Yes Please give details below, including the required set-up costs (including infrastructure) and maintenance costs for the proposed facility against which a credit check may be assessed.

We may want to contact a credit-reference agency for a report about your business's finances.

3c Management systems

You must have an effective, written management system in place that identifies and reduces the risk of pollution. You may show this by using a certified scheme or your own system.

Your permit requires you (as the operator) to ensure that you manage and operate your activities in accordance with a written management system.

You can find guidance on management systems on the GOV.UK website here www.gov.uk/guidance/develop-a-management-system-environmental-permits.

Tick this box to confirm that you have read the guidance and your management system will meet our requirements

4 Consultation

4a Is the MCP or SG located within an Air Quality Management Area (AQMA)?

Check here <https://uk-air.defra.gov.uk/aqma/maps>.

No Now go to section 5

Yes What is the name of the AQMA?

What is the name of the local authority?

5 Supporting information

5a Provide a non-technical summary of your application

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. If your application is for mobile plant describe the mobility of your plant and how you intend to operate.

Document reference of the summary

6 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 – Medium Combustion Plant checklist

Information to be provided by the operator to the competent authority for each Medium Combustion Plant as identified in Annex I of Medium Combustion Plant Directive (EU/2015/2193).

| | |
|--|--|
| MCP specific identifier* | |
| 12-digit grid reference or latitude/longitude | |
| Rated thermal input (MW) of the MCP | |
| Type of MCP (diesel engine, gas turbine, other engine or other MCP) | |
| Type of fuels used: gas oil (diesel), natural gas, gaseous fuels other than natural gas | |
| Date when the new MCP was first put into operation (DD/MM/YYYY) | |
| Sector of activity of the MCP or the facility in which it is applied (NACE code**) | |
| Expected number of annual operating hours of the MCP and average load in use | |
| Where the option of exemption under Article 6(8) is used the operator (as identified on Form A) should sign a declaration here that the MCP will not be operated more than the number of hours referred to in this paragraph | |

* 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 (<http://www.export.gov.il/files/EEN/ListNACEcodes.pdf>).

To find out the 12-digit grid reference you can search on the UK Grid Reference Finder website at www.gridreferencefinder.com.

Appendix 2 – 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* | | | | |
| 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 | | | | |
| Stack height (m) | | | | |
| 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.

If additional space is needed to complete the application then please supply additional information on supporting pages or spreadsheet.