Application for an environmental permit Part B3 – New bespoke installation permit

Environment Agency

When to complete the Part B3 form

Complete this part of the application form if you are applying for a new bespoke permit for an installation.

Completing the form

Visit our website to check this is the latest version of the form. See **Application for an environmental permit: part B3 new bespoke installation**.

Please read through the form and **Part B3 guidance notes** before completing it.

We expect it will take less than 3 hours to complete if you have all the necessary information available.

The form can be:

- saved onto a computer or device and then filled in. We recommend using Adobe Acrobat software to avoid any compatibility issues.
- printed off and filled in by hand. Please write clearly in the answer spaces. If you need to use the links in this form, you can access the electronic version here: **https://www.gov.uk/government/publications/application-for-an-environmental-permit-part-b3-new-bespoke-installation**.

Other forms you will need to complete

In addition to this part of the form, you will also need to complete:

- **Part A: about you**
- **Part B2: General – new bespoke permit**
- **Part F1: charges and declarations**

When not to use this form

Do not use this form if you want to apply for an intensive farming installation permit. Use the **Part B3.5** form instead.

Contents

1 What activities are you applying for?

2 Point source emissions to air, water and land

3 Operating techniques

4 Monitoring

5 Environmental impact assessment

6 Resource efficiency and climate change

7 Installations that include a combustion plant (excluding waste incinerators)

8 How to contact us

Appendix 1 – Specific questions for the combustion sector

Appendix 2 – Specific questions for the chemical sector

Appendix 3 – Specific questions for the waste incineration sector

Appendix 4 – Specific questions for the landfill sector and recovery of hazardous waste on land activities

1 What activities are you applying for?

Fill in Table 1a below with details of all the activities listed in schedule 1 or other references (see note 1) of the Environmental Permitting Regulations (EPR) and all directly associated activities (DAAs) (in separate rows), that you propose to carry out at the installation.

Fill in a separate table for each installation you are applying for. Use a separate sheet if you have a long list and send it to us with your application form. Tell us below the reference you have given the document.

Document reference

See 'BMB 2.5c Non-Technical Summary'.

1 What activities are you applying for? continued

Table 1a – Types of activities

Schedule 1 listed activities						
Installation name	**Schedule 1 or other references (See note 1)**	**Description of the activity (See note 2)**	**Activity capacity (See note 3)**	**Annex I (D codes) and Annex II (R codes) and descriptions**	**Hazardous waste treatment capacity (if this applies) (See note 3)**	**Non-hazardous waste treatment capacity (if this applies) (See note 3)**
If there are not enough rows, send a separate document and give the document reference number here	Put your main activity first			For installations that take waste only	For installations that take waste only	For installations that take waste only
Bakkavor Meals Boston	6.8 Part A(1)	Treatment of animal an		N/A	N/A	N/A
	d)(iii)(aa)	vegetable matter		N/A	N/A	N/A
	5.4 Part A(1)(a)(ii)	Effluent		N/A	N/A	N/A

Directly associated activities (See note 4) Note: if the DAA is a Medium Combustion Plant or Specified Generator (MCP/SG) you must also fill in **Part B2.5 form**.		
Name of DAA If there are not enough rows, send a separate document and give the document reference number here	Description of the DAA (please identify the schedule 1 activity it serves)	
See 'BMB 3.1 Directly Associated Activities'.		
For installations that take waste (See **note 5** below)	Total storage capacity	
	Annual throughput (tonnes each year)	

1 What activities are you applying for? continued

Notes

1. Quote the section number, part A1 or A2 or B, then paragraph and sub paragraph number as shown in EPR part 2 of schedule 1, schedule 13 and 14 for Local Authority regulated activities, or schedule 25/25B for Medium Combustion Plant or Specified Generators.
2. Use the description from the relevant schedule 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 capacity (cubic metres) for the recovery of hazardous waste on land
   - the total treatment capacity (tonnes each day) for waste treatment operations
   - 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 each listed activity as a separate line and give an accurate description of any other activities associated with your schedule 1 activities. You cannot have Directly Associated Activities (DAAs) as part of a mobile plant application.
5. By 'total storage capacity', we mean the maximum amount of waste, in tonnes, you store on the site at any one time.

Types of waste accepted

For those installations that take waste, for each line in Table 1a (including DAAs), fill in a separate document to list those wastes you will accept on to the site for that activity. Give the List of Wastes catalogue code and description (see **Waste classification technical guidance**).

If you need to exclude waste from your activity or facility by restricting the description, quantity, physical nature, hazardous properties, composition or characteristic of the waste, include these in the document. Send it to us with your application form.

Please provide the reference for each document. You can use Table 1b as a template.

If you want to accept any waste with a code ending in *99*, you must provide more information and a full description of the waste in the document, (for example, detailing the source, nature and composition of the waste). Where you only want to receive specific wastes within a waste code you can provide further details of the waste you want to receive. Where a waste is dual coded you should use both codes for the waste.

Document reference of this extra information

1 What activities are you applying for? continued

Table 1b – Template example – types of waste accepted and restrictions

Waste code	Description of the waste
Example	**Example**
02 01 08*	Agrochemical waste containing hazardous substances
18 01 03*	Infectious clinical waste, not contaminated with chemicals or medicines – human healthcare (may contain sharps) for alternative treatment
17 05 03*/17 06 05*	Non-hazardous soil from construction or demolition contaminated with fragments of asbestos cement sheet

1c Recovery of hazardous waste on land

1c.1 Are you applying for a waste recovery activity involving the permanent deposit of inorganic hazardous waste on land for construction or land reclamation?

☑ No Now go to **section 2**

☐ Yes Now go to **question 1c.2**

1c.2 Send us a copy of your waste recovery plan (WRP). This must comply with our guidance at **Waste recovery plans and deposit for recovery permits**.

Document reference

Now go to **question 1c.3**

1c.3 Have we pre-assessed your WRP?

☐ Yes Now go to **question 1c.4**

☐ No Now go to **section 2**

1c.4 Have there been any (non-administrative) changes to your WRP since the pre-application assessment?

☐ No

☐ Yes Provide a document that explains and justifies for the changes you have made

Document reference

There is a separate charge for the assessment of each new, varied or revised WRP. This must be submitted with the WRP at the pre-application stage of as part of the application.

For details of the charge see **Environmental permits: when and how you are charged**.

2 Point source emissions to air, water and land

Fill in Table 2 below with details of the point source emissions that result from the operating techniques at each of your installations.

Table 2 – Emissions (releases)

Installation name	Bakkavor Meals Boston			
Point source emissions to air				
Emission point reference and location	**Source**	**Parameter**	**Quantity**	**Unit**
'BMB 3.2 Point Source Emissions'				
Point source emissions to water (other than sewers)				
Emission point reference and location	**Source**	**Parameter**	**Quantity**	**Unit**
See 'BMB 3.2 Discharge Results'				
'BMB 3.2 Point Source Emissions'				
'BMB 3.4a Monitoring Measures'				
Point source emissions to sewers, effluent treatment plants or other transfers off site				
Emission point reference and location	**Source**	**Parameter**	**Quantity**	**Unit**
Point source emissions to land				
Emission point reference and location	**Source**	**Parameter**	**Quantity**	**Unit**

Fill in one table for each installation, continuing on a separate sheet if necessary.

Document reference for continuation sheet (if applicable)

2 Point source emissions to air, water and land, continued

You will also need to complete the **Part B6 form** if your installation includes a point source emission(s) to:

- water
- groundwater or
- sewer

3 Operating techniques

3a Technical standards

3a.1 Fill in Table 3a for each activity at the installation you refer to in Table 1a above and list the 'Best Available Techniques' you are planning to use.

There is no need to justify using the standards set out in:

- **BAT conclusions (BATC)**
- **BAT reference documents (BREFs)**
- **Environment Agency technical guidance (TGN)**

You must justify your decisions in a separate document if:

- there is no technical standard
- the technical guidance provides a choice of standards, or
- you plan to use another standard

This justification could include a reference to the Environmental Risk Assessment you have provided in Part B2 (General bespoke permit) of the application form.

For Part A(2) activities refer to **Integrated pollution prevention and control: sector guidance notes**.

For Part B and Schedule 14 activities see **Local Air Pollution Prevention and Control (LAPPC): process guidance notes**.

For each of the activities listed in Table 1a, the documents in Table 3a should summarise:

- the operations undertaken
- the measures you will use to control the emissions from your process, as identified in your risk assessment or the relevant BAT conclusions, BREF or technical guidance
- how you will meet other standards set out in the relevant BAT conclusions document, BREF or technical guidance

3 Operating techniques, continued

Table 3a – Technical standards

Installation name	'BMB 3.4a Monitoring Measures'	
Description of the schedule 1 activity or directly associated activity	**Best available technique (BATC, BREF or TGN reference) (see footnote below)**	**Document reference (if appropriate)**
6.8 Part A(1)(iii)(aa)	BAT Reference Document for the Food,	'BMB 3.3 Bakkavor Boston Best
	Drink and Milk Industries 2019	Available Techniques Assessme
5.4 Part A (1)(a)(ii)		

* Directive 2010/75/EU of the European Parliament and of the Council of 24 November 2010 on industrial emissions (integrated pollution prevention and control)

Fill in a separate table for each activity at the installation, continuing on a separate sheet if necessary.

Document reference for continuation sheet (if applicable)

'BMB 3.3 Bakkavor Boston Best Available Tech

3a.2 Describe the type of facility or operation you are applying for and provide site infrastructure plans, location plans and process flow diagrams or block diagrams to help describe the operations and processes undertaken. Give the document references you use for each plan, diagram and description.

Document references

See 'BMB 2.5c Non-Technical Summary'.

3b General requirements

Fill in a separate Table 4 for each installation.

Table 4 – General requirements

Name of the installation	
If the technical guidance or your risk assessment shows that emissions of substances not controlled by emission limits are an important issue, send us your plan for managing them	Document reference or references N/A
Where the technical guidance or your risk assessment shows that odours are an important issue, send us your odour management plan	Document reference or references 'BMB 3.3b1 Odour Management Plan'
If the technical guidance or your risk assessment shows that noise or vibration are important issues, send us your noise or vibration management plan (or both)	Document reference or references 'BMB 2.5c Non-Technical Summary'

3 Operating techniques, continued

For guidance on risk assessments for your environmental permit see **Risk assessments for your environmental permit**.

3c Types and amounts of raw materials

Fill in Table 5 for all schedule 1 activities.

Table 5 – Types and amounts of raw materials

Name of the installation		Bakkavor Meals Boston		
Capacity (See note 1 below)				
Schedule 1 activity	**Description of raw material and composition**	**Maximum amount (tonnes) (See note 2 below)**	**Annual throughput (tonnes each year)**	**Description of the use of the raw material including any main hazards (include safety data sheets)**
6.8 Part A (1)(iii) (aa)				
5.4 Part A (1)(a)(ii)				

Notes

1. By 'capacity', we mean the total storage capacity (tonnes) or total treatment capacity (tonnes each day).
2. By 'maximum amount', we mean the maximum amount of raw materials on the site at any one time.

Fill in a separate table for each installation, continuing on a separate sheet if necessary.

Document reference for continuation sheet (if applicable)

See 'BMB 3.12 Capacity Figures'.

Use a separate sheet if you have a long list of raw materials. Send it to us with your application form. Please also provide the reference of this extra sheet.

Document reference for continuation sheet

3d Information for specific sectors

For some of the sectors, we need more information to be able to set appropriate conditions in the permit. This is as well as the information you may provide in sections 5, 6 and 7. For those activities listed below, you must answer the questions in the relevant appendix.

3 Operating techniques, continued

Table 6 – Questions for specific sectors

Sector	Appendix
Combustion	See the questions in **appendix 1**
Chemicals	See the questions in **appendix 2**
Incinerating waste	See the questions in **appendix 3**
Landfill and recovery of hazardous waste on land	See the questions in **appendix 4**

4 Monitoring

4a Describe the measures you use for monitoring emissions by referring to each emission point in Table 2 above

You should also describe any environmental monitoring. Tell us:

- how often you use these measures
- the methods you use
- the procedures you follow to assess the measures

Document reference

See 'BMB 3.4a Monitoring Measures'.

4b Point source emissions to air only

4b1 Has the sampling location been designed to meet BS EN 15259 clause 6.2 and 6.3?

☑ No

☐ Yes

4b2 Are the sample ports large enough for monitoring equipment and positioned in accordance with section 6 and appendix A of BS EN 15259?

☑ No

☐ Yes

4b3 Is access adjacent to the ports large enough to provide sufficient working area, support and clearance for a sample team to work safely with their equipment throughout the duration of the test?

☐ No

☑ Yes

4b4 Are the sample location(s) at least 5 HD from the stack exit

☑ No

☐ Yes

4b5 Are the sample location(s) at least 2 HD upstream from any bend or obstruction?

☑ No

☐ Yes

4b6 Are the sample location(s) at least 5 HD downstream from any bend or obstruction?

☑ No

☐ Yes

4 Monitoring, continued

4b7 Does the sample plane have a constant cross sectional area?

☐ No

☑ Yes

4b8 If horizontal, is the duct square or rectangular (unless it is less than or equal to 0.35 m in diameter)

☐ No

☐ Yes

4b9 If you have answered 'No' to any of the questions 4b1 to 4b8 above, provide an assessment to how the standards in BS EN 15259 will be met.

Document reference of the assessment

See 'BMB 2.5c Non-Technical Summary'.

5 Environmental impact assessment

5a Have your proposals been the subject of an environmental impact assessment under Council Directive 85/337/EEC of 27 June 1985 [Environmental Impact Assessment] (EIA)?

☑ No Now go to **section 6**

☐ Yes Provide a copy of the environmental statement and, if the procedure has been completed:

- a copy of the planning permission
- the committee report and decision on the EIA

Document reference of the documents

6 Resource efficiency and climate change

If the site is a landfill or a recovery of hazardous waste on land activity, you only need to fill in this section if the application includes gas engines.

6a Describe the basic measures for improving how energy efficient your activities are

Document reference of the description

BMB 3.6 Resource Efficiency

6b Provide a breakdown of any changes to the energy your activities use up and create

Document reference of the description

BMB 3.6 Resource Efficiency

6c Have you entered into, or will you enter into, a climate change levy agreement?

☐ No Describe the specific measures you use for improving your energy efficiency

Document reference of the description

6 Resource efficiency and climate change, continued

☑ Yes Give the date you entered (or the date you expect to enter) into the agreement (DD/MM/YYYY)

See 'BMB 2.5c Non-Technical Summary'.

In addition, provide documentation to prove you are taking part in the agreement.

Document reference of the proof

BMB 3.6 Resource Efficiency

6d Explain and justify the raw and other materials, other substances and water that you will use

Document reference of the justification

BMB 3.6 Resource Efficiency

6e Describe how you avoid producing waste in line with Council Directive 2008/98/EC on waste

If you produce waste, describe how you recover it. If it is technically and financially impossible to recover the waste, describe how you dispose of it while avoiding or reducing any effect it has on the environment.

Document reference of the description

BMB 3.6 Resource Efficiency

7 Installations that include a combustion plant (excluding waste incinerators)

7a List all your combustion plant at the site and provide thermal input and operating hours for each

Document reference

BMB 3.6 Resource Efficiency

7b Do any of your combustion plants have a net rated thermal input of 1 or more MW and is not an excluded MCP?

☐ No Now go to **question 7c**

☑ Yes You must also complete **Part B2.5** of the application form

7c Is the aggregated net thermal input of your combustion plant more than 20 MW?

☑ No

☐ Yes Now go to **appendix 1, question 11**

8 How to contact us

If you have difficulty using 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 422 549 (Monday to Friday, 8am to 6pm)

Email: **enquiries@environment-agency.gov.uk**

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

8 How to contact us, continued

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.

Feedback

You don't have to answer this part of the form, but it will help us improve our forms if you do.

We want to make our forms easy to fill in and easy to understand. Please use the space below to give us any comments you may have about this form.

How long did it take you to fill in this form?

Would you like a reply to your feedback?

☐ Yes

☐ No

Appendix 1 – Specific questions for the combustion sector

1 Identify the type of fuel burned in your combustion units (including when your units are started up, shut down and run as normal). If your units are dual fuelled (that is, use two types of fuel), list both the fuels you use

Fill in a separate table for each installation.

Installation reference			
Type of fuel	**When run as normal**	**When started up**	**When shut down**
Coal	☐	☐	☐
Gas oil	☐	☐	☐
Heavy fuel oil	☐	☐	☐
Natural gas	☐	☐	☐
WID waste	☐	☐	☐
Biomass (see notes 1 and 2 below)	☐	☐	☐
Biomass (see notes 1 and 2 below)	☐	☐	☐
Biomass (see notes 1 and 2 below)	☐	☐	☐
Biomass (see notes 1 and 2 below)	☐	☐	☐
Biomass (see notes 1 and 2 below)	☐	☐	☐
Landfill gas	☐	☐	☐
Other	☐	☐	☐

Notes

- Not covered by Industrial Emissions Directive 2010/75/EU.
- 'Biomass' is referred to **The Renewables Obligation Order 2002**

Give extra information if it helps to explain the fuel you use.

Document reference for extra information (if applicable)

Appendix 1 – Specific questions for the combustion sector, continued

2 Give the composition range of any fuels you are currently allowed to burn in your combustion plant

Fuel use and analysis					
Installation reference					
Parameter	**Unit**	**Fuel 1**	**Fuel 2**	**Fuel 3**	**Fuel 4**
Maximum percentage of gross thermal input	%				
Moisture	%				
Ash	% wt/wt dry				
Sulphur	% wt/wt dry				
Chlorine	% wt/wt dry				
Arsenic	% wt/wt dry				
Cadmium	% wt/wt dry				
Carbon	% wt/wt dry				
Chromium	% wt/wt dry				
Copper	% wt/wt dry				
Hydrogen	% wt/wt dry				
Lead	% wt/wt dry				
Mercury	% wt/wt dry				
Nickel	% wt/wt dry				
Nitrogen	% wt/wt dry				
Oxygen	% wt/wt dry				
Vanadium	mg/kg dry				
Zinc	mg/kg dry				
Net calorific value	MJ/kg				

Fill in a separate table for each installation, continuing on a separate sheet if necessary

Document reference for continuation sheet (if applicable)

Appendix 1 – Specific questions for the combustion sector, continued

3 If NOx factors are necessary for reporting purposes (that is, if you do not need to monitor emissions), please provide the factors associated with burning the relevant fuels

Installation reference	
Fuel	**NOx factor (kgt^{-1})**
Fuel 1	
Fuel 2	
Fuel 3	
Fuel 4	

Note: kgt^{-1} means kilograms of nitrogen oxides released for each tonne of fuel burned.

Fill in a separate table for each installation, continuing on a separate sheet if necessary

Document reference for continuation sheet (if applicable)

4 Will your combustion plant be subject to Chapter III of the Industrial Emissions Directive 2010/75/EU?

☐ No You have completed the relevant questions in this appendix

☐ Yes

5 What is your plant?

☐ an existing one A plant licensed before 1 July 1987

☐ a new one A plant licensed on or after 1 July 1987 but before 27 November 2002, or a plant for which an application was made before 27 November 2002 and which was put into operation before 27 November 2003

☐ a new-new one A plant for which an application was made on or after 27 November 2002

6 If you run more than one type of plant or a number of the same type of plant on your installation, please list them in the table below

Installation reference	
Type of plant	**Number within installation**
Existing	
New	
New-new	
Gas turbine (group A)	
Gas turbine (group B)	

Fill in a separate table for each installation, continuing on a separate sheet if necessary

Document reference for continuation sheet (if applicable)

Appendix 1 – Specific questions for the combustion sector, continued

7 If you run an existing plant, have you submitted a declaration for the 'limited life derogation' set out in Article 33 of Chapter III of the Industrial Emissions Directive?

☐ No Now go to **question 9 of this appendix**

☐ Yes

8 Have you subsequently withdrawn your declaration?

☐ No

☐ Yes

9 List the existing large combustion plants (LCPs) which have annual mass allowances under the National Emission Reduction Plan (NERP), and those with emission limit values (ELVs) under the LCPD

Installation reference	
LCPs under NERP	**LCPs with ELVs**

10 Do you meet the monitoring requirements of Chapter III of the Industrial Emissions Directive?

☐ No

☐ Yes

Document reference

11 Have you carried out a cost–benefit assessment (CBA) of opportunities for cogeneration (combined heat and power) or district heating under Article 14 of the Energy Efficiency Directive?

☐ No Provide supporting evidence of why a CBA is not required (for example, an agreement from us)

Document reference of evidence

☐ Yes Submit a copy of your CBA Document reference of the CBA

Document reference of the CBA

Appendix 1 – Specific questions for the combustion sector, continued

12 Does your installation need to be combined heat and power-ready (CHP-ready)?

☐ No Provide supporting evidence of why a CHP-ready assessment is not required (for example, an agreement from us)

Document reference of evidence

☐ Yes Provide a copy of your CHP-ready assessment

Document reference of CHP-ready assessment

13 Decarbonisation readiness (DR): Are you installing or substantially refurbishing any in-scope generators or voluntarily applying the DR requirements to existing plant?

☐ No

☐ Yes Provide a Decarbonisation Readiness Report

Document reference of Decarbonisation Readiness Report

For guidance on decarbonisation readiness visit **Decarbonisation readiness in environmental permit applications**.

"In-scope generator" is defined in **Schedule 25C** of the Environmental Permitting Regulations.

Appendix 2 – Specific questions for the chemical sector

1 Provide a technical description of your activities

The description should be enough to allow us to understand:

- the process
- the main plant and equipment used for each process
- all reactions, including significant side reactions (that is, the chemistry of the process)
- the material mass flows (including by products and side streams) and the temperatures and pressures in major vessels
- all emission control systems (both hardware and management systems), for situations which could involve releasing a significant amount of emissions – particularly the main reactions and how they are controlled
- a comparison of the indicative BATs and benchmark emission levels standards:
  - **Technical guidance for regulated industry sectors: environmental permitting**
  - **Production of large volume organic chemicals: additional guidance**
  - **Speciality organic chemicals sector: additional guidance**
  - **Inorganic chemicals sector: additional guidance**
  - **Best available techniques reference documents (BREFs) for the chemical sector**

Document reference

2 If you are applying for a multi-purpose plant, do you have a multi-product protocol in place to control the changes?

☐ No

☐ Yes Provide a copy of your protocol to accompany this application

Document reference

3a Does Chapter V of the Industrial Emissions Directive (IED) apply to your activities?

☐ No

☐ Yes Complete questions 3b and 3c

3b List the activities that are controlled under the IED

Installation reference	
Activities	

Appendix 2 – Specific questions for the chemical sector, continued

3c Describe how the list of activities in question 3b above meets the requirements of the IED

Document reference

Appendix 3 – Specific questions for the waste incineration sector

If you are proposing to accept clinical waste, complete your answer to **question 3a 'Technical standards'** with reference to relevant parts of our guidance **Healthcare waste: appropriate measures for permitted facilities**.

1a Do you run incineration plants as defined by Chapter IV of the Industrial Emissions Directive (IED)?

☐ No You do not need to answer any other questions in this appendix

☐ Yes IED applies

1b Are you subject to IED as

☐ An incinerator?

☐ A co-incinerator?

2 Do any of the installations contain more than one incineration line?

☐ No Now go to **question 4 of this appendix**

☐ Yes

3 How many incineration lines are there within each installation?

Fill in a separate table for each installation.

Installation reference		
Number of incineration lines within the installation		
Reference identifiers for each line		

You must provide the information we ask for in questions 4, 5 and 6 below in separate documents. The information must at least include all the details set out in section 2 ('Key Issues') of **Incineration of waste (EPR5.01): additional guidance** (under the sub heading 'European legislation and your application for an EP Permit').

You must answer questions 7 to 13 on the form below.

4 Describe how the plant is designed, equipped and will be run to make sure it meets the requirements of IED, taking into account the categories of waste which will be incinerated

Document reference

5 Describe how the heat created during the incineration and co-incineration process is recovered as far as possible (for example, through combined heat and power, creating process steam or district heating)

Document reference

Appendix 3 – Specific questions for the waste incineration sector, continued

6 Describe how you will limit the amount and harmful effects of residues and describe how they will be recycled where this is appropriate

Document reference

For each line identified in question 3, answer questions 7 to 13 below

Question 3 identifier, if necessary

7 Do you want to take advantage of the Article 45 (1)(f) allowance (see below) if the particulates, CO or TOC continuous emission monitors (CEM) fail?

☐ No

☐ Yes This allows 'abnormal operation' of the incineration plant under certain circumstances when the CEM for releases to air have failed. Annex VI, Part 3(2) sets maximum half hourly average release levels for particulates (150 mg/m3), CO (normal ELV) and TOC (normal ELV) during abnormal operation.

Describe the other system you use to show you keep to the requirements of Article 13(4) (for example, using another CEM, providing a portable CEM to insert if the main CEM fails, and so on).

8 Do you want to replace continuous HF emission monitoring with periodic hydrogen fluoride (HF) emission monitoring by relying on continuous hydrogen chloride (HCl) monitoring as allowed by IED Annex VI, Part 6 (2.3)?

Under this you do not have to continuously monitor emissions for hydrogen fluoride if you control hydrogen chloride and keep it to a level below the HCl ELVs.

☐ No

☐ Yes Give your reasons for doing this

Appendix 3 – Specific questions for the waste incineration sector, continued

9 Do you want to replace continuous water vapour monitoring with pre-analysis drying of exhaust gas samples, as allowed by IED Annex VI, Part 6 (2.4)?

Under this you do not have to continuously monitor the amount of water vapour in the air released if the sampled exhaust gas is dried before the emissions are analysed.

☐ No

☐ Yes Give your reasons for doing this

10 Do you want to replace continuous hydrogen chloride (HCl) emission monitoring with periodic HCl emission monitoring, as allowed by IED Annex VI, Part 6 (2.5), first paragraph?

Under this you do not have to continuously monitor emissions for hydrogen chloride if you can prove that the emissions from this pollutant will never be higher than the ELVs allowed.

☐ No

☐ Yes Give your reasons for doing this

Appendix 3 – Specific questions for the waste incineration sector, continued

11 Do you want to replace continuous HF emission monitoring with periodic HF emission monitoring, as allowed by IED Annex VI, Part 6 (2.5), first paragraph?

Under this you do not have to continuously monitor emissions for hydrogen fluoride if you can prove that the emissions from this pollutant will never be higher than the ELVs allowed.

☐ No

☐ Yes Give your reasons for doing this

12 Do you want to replace continuous SO2 emission monitoring with periodic sulphur dioxide (SO_2) emission monitoring, as allowed by IED Annex VI, Part 6 (2.5), first paragraph?

Under this you do not have to continuously monitor emissions for sulphur dioxide if you can prove that the emissions from this pollutant will never be higher than the ELVs allowed.

☐ No

☐ Yes Give your reasons for doing this

Appendix 3 – Specific questions for the waste incineration sector, continued

13 If your plant uses fluidised bed technology, do you want to apply for a derogation of the CO WID ELV to a maximum of 100 mg/m3 as an hourly average, as allowed by IED Annex VI, Part 3?

☐ No

☐ Does not apply

☐ Yes Give your reasons for doing this

14 Have you carried out a cost–benefit assessment (CBA) of opportunities for cogeneration (combined heat and power) or district heating under Article 14 of the Energy Efficiency Directive?

☐ No Provide supporting evidence of why a CBA is not required (for example, an agreement from us)

Document reference of this evidence

☐ Yes Submit a copy of your CBA

Document reference of the CBA

15 Does your installation need to be combined heat and power-ready (CHP-ready)?

☐ No Provide supporting evidence of why a CHP-ready assessment is not required (for example, an agreement from us)

Document reference of this evidence

☐ Yes Provide a copy of your CHP-ready assessment

Document reference of the CHP-ready assessment

Appendix 3 – Specific questions for the waste incineration sector, continued

16 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, landfill gas	
Date when the new MCP was first put into operation	
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. NACE codes can be found by following the links at **https://ec.europa.eu/eurostat/web/nace**.

There are several online resources available that can help you find the grid reference. For example, go to the **Ordnance Survey website**, then locate and right click on the relevant point.

Appendix 4 – Specific questions for the landfill sector and recovery of hazardous waste on land activities

1 For the landfill sector, provide your Environmental Setting and Installation Design (ESID) report and any other risk assessments to control emissions.

For recovery of hazardous waste on land activities, provide your Environmental Setting and Site Design (ESSD) report and any other risk assessments to control emissions

Document reference

2 For recovery of hazardous waste on land activities, provide your Waste Acceptance Procedures (including Waste Acceptance Criteria)

Document reference

Refer to our guidance at **Waste acceptance procedures for deposit for recovery**

3 Provide your hydrogeological risk assessment (HRA) for the site

Document reference

4 Provide your outline engineering plan for the site

Document reference

5 Provide your stability risk assessment (SRA) for the site

Document reference

6 Provide your landfill gas risk assessment (LFGRA) for the site

Document reference

We have developed guidance on these assessments and their reports which can be found at **Environmental permitting: landfill sector technical guidance.**

Appendix 4 – Specific questions for the landfill sector and recovery of hazardous waste on land activities, continued

7 For recovery of hazardous waste on land activities, have you completed a monitoring plan for the site?

☐ No Refer to the section of your ESSD that explains why this is unnecessary for your site

Document reference of this evidence

☐ Yes

Document reference

8 Have you completed a proposed plan for closing the site and your procedures for looking after the site once it has closed?

☐ No If you have answered 'no' for recovery of hazardous waste on land activities, refer to the section of your ESSD that explains why this is unnecessary for your site

Document reference of this evidence

☐ Yes For landfill you must provide a closure and aftercare plan

Document reference