

# Application for an environmental permit

## Part B2 – General – new bespoke permit



You will need to use an Adobe Acrobat product to complete this form. The form may not work properly if you use a different pdf reader, such as the one built-in to your internet browser.

Fill in this part of the form together with parts A and F1 if you are applying for a new bespoke permit. You also need to fill in part B2.5, B3, B4, B5, B6, or B7 (this depends on what activities you are applying for).

Please check that this is the latest version of the form available from our website.

Please read through this form and the accompanying Part B2 guidance notes (see [https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\\_data/file/1102174/Guidance-app-for-an-environmental-permit-part-b2-general-new-bespoke-permit.pdf](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/1102174/Guidance-app-for-an-environmental-permit-part-b2-general-new-bespoke-permit.pdf)).

The form can be:

- 1) saved onto a computer and then filled in.
- 2) printed off and filled in by hand. Please write clearly in the answer spaces

It should 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, including having requested to submit your application in stages, give us the permit reference or details on a separate sheet. Tell us below the reference you have given this extra sheet(s).

Permit or document reference

# 1 About the permit, continued

## 1b Is the permit for a site or for mobile plant?

Mobile plant Now go to **question 1c**

Site Now go to **section 2**

Note: The term ‘mobile plant’ does not include mobile sheep dipping units.

### Mobile plant only

## 1c Have we told you during pre-application discussions that we believe that a mobile permit is suitable for your activity?

No

Yes

## 1d Have there been any changes to your proposal since this discussion?

No Now go to **section 3**

Yes You should send us a description of the activity you want to carry out, highlighting the changes you have made since our pre-application discussions

Document reference

Now go to **section 3**

# 2 About the site (excludes mobile plant)

## 2a What is the site name, address, postcode and national grid reference?

Site name

Address

Postcode

National grid reference for the middle of the site, or for water quality/groundwater activities, the discharge point (for example, ST 12345 67890).

## 2 About the site (excludes mobile plant), continued

### 2b What type of regulated facility are you applying for?

Note: if you are applying for more than one regulated facility then go to **2c**.

Installation

Waste operation

Mining waste operation

Water discharge activity

Groundwater activity (point source)

Groundwater activity (discharge onto land)

What is the national grid reference for the regulated facility (if only one)?

**(See the guidance notes on part B2.)**

As in 2a above

Different from that in 2a Please fill in the national grid reference below

National grid reference for the regulated facility

\_\_\_\_\_

Now go to **question 2d**

### 2c If you are applying for more than one regulated facility on your site, what are their types and their grid references?

**See the guidance notes on part B2.**

#### Regulated facility 1

National grid reference

\_\_\_\_\_

What is the regulated facility type?

Installation

Waste operation

Mining waste operation

Water discharge activity

Groundwater activity (point source)

Groundwater activity (discharge onto land)

## 2 About the site (excludes mobile plant), continued

### Regulated facility 2

National grid reference

### What is the regulated facility type?

Installation

Waste operation

Mining waste operation

Water discharge activity

Groundwater activity (point source)

Groundwater activity (discharge onto land)

Use several copies of this page or separate sheets if you have a long list of regulated facilities. Send them to us with your application form. Tell us below the reference you have given these extra sheets.

Document reference

Now go to **question 2d**

### 2d Low impact installations (installations only)

Are any of the regulated facilities low impact installations?

No

Yes If yes, tell us how you meet the conditions for a low impact installation (**see the guidance notes on part B2** – Appendix 1).

Document reference

Tick the box to confirm you have filled in the low impact installation checklist in **appendix 1** for each regulated facility

### 2e Treating batteries

Are you planning to treat batteries? (**See the guidance notes on part B2.**)

No

Yes Tell us how you will do this, send us a copy of your explanation and tell us below the reference you have given this explanation

Document reference for the explanation

## 2 About the site (excludes mobile plant), continued

### 2f Ship recycling

Is your activity covered by the Ship Recycling Regulations 2015? (**See the guidance notes on part B2.**)

No

Yes Tell us how you will do this. Please send us a copy of your explanation and your facility recycling plan, and tell us below the reference numbers you have given these documents

Document reference for the explanation

Document reference for the facility recycling plan

### 2g Multi-operator installation

If the site is a multi-operator site (that is there is more than one operator of the installation) then fill in the table below the application reference for each of the other permits.

**Table 1 – Other permit application references**


## 3 Your ability as an operator

If you are only applying for a standalone water discharge or for a groundwater activity, you only have to fill in **question 3d**.

### 3a Relevant offences

Applies to all except standalone surface water discharges and groundwater discharges (**see the guidance notes on part B2**).

**Have you, or any other relevant person, been convicted of any relevant offence? (see <https://www.gov.uk/government/publications/relevant-conviction-guidance-for-permit-applications-for-waste-activities-and-installations-only>)**

No Now go to **question 3b**

Yes Please give details below

### 3 Your ability as an operator, continued

#### Name of the relevant person

Title (Mr, Mrs, Miss and so on)

\_\_\_\_\_

First name

Last name

\_\_\_\_\_

\_\_\_\_\_

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.

\_\_\_\_\_

Now go to **question 3b**

Please also complete the details in **Appendix 2**.

#### 3b Technical ability

**Relevant waste operations only (see the guidance notes on part B2).**

Please indicate which of the two schemes you are using to demonstrate you are technically competent to operate your facility and the evidence you have enclosed to demonstrate this.

#### ESA/EU skills

Please select one of the following:

I have enclosed a copy of the current Competence Management System certificate

or

We will have a certified Competence Management System within 12 months and have enclosed evidence of the contract with an accredited certification body

### 3 Your ability as an operator, continued

#### CIWM/WAMITAB scheme

Your answers below must relate to the person(s) providing technically competent management when the permitted activities start.

Please select **one** of the following:

- I have enclosed a copy of:
  - the relevant qualification certificate/s
  - or
  - evidence of deemed competence
  - or
  - Environment Agency assessment
  - or
  - evidence of nominated manager status under the transitional provisions for previously exempt activities

and, if deemed competent or Agency-assessed, or nominated manager, or if the original qualification is over two years old:

I have enclosed a copy of the relevant current continuing competence certificate/s

- The technically competent manager will complete their qualification within four weeks of starting the permitted activities and I have enclosed evidence of their registration with WAMITAB or their EPOC booking as appropriate
- **For medium- and high-risk tier activities other than landfill**

The technically competent manager will complete the qualification within 12 months and I have enclosed evidence of their registration with WAMITAB and, where relevant, EPOC booking. I understand they must complete either four specified units of the relevant qualification or an EPOC within four weeks of the permitted activities commencing

For each technically competent manager please give the following information. If necessary, use a separate sheet to give us these details and tell us below the document reference you have given the extra sheet.

Title (Mr, Mrs, Miss and so on)

\_\_\_\_\_

First name

\_\_\_\_\_

Last name

\_\_\_\_\_

Phone

\_\_\_\_\_

Mobile

\_\_\_\_\_

Email

\_\_\_\_\_

### 3 Your ability as an operator, continued

Please provide the environmental permit number/s and site address for all other waste operations, (**see part B2 guidance notes**), that the proposed technically competent manager provides technical competence for, including permits held by other operators. Continue on a separate sheet as required.

Permit number	Site address	Postcode

Document reference

\_\_\_\_\_

Now go to **question 3c**

Please also complete the details in **Appendix 2**.

#### 3c Finances

Installations, waste operations and mining waste operations only.

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 (or they) (or any relevant person) were a relevant person, have current or past bankruptcy or insolvency proceedings against you?

No

Yes Please give details below, including the required set-up costs (including infrastructure), maintenance and clean up 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.

See **Environmental permits privacy notice - GOV.UK (www.gov.uk)** for how we use your personal information to support environmental permitting.



### 3 Your ability as an operator, continued

#### Landfill, Category A mining waste facilities and mining waste facilities for hazardous waste only

How do you plan to make financial provision (to operate a landfill or a mining waste facility you need to show us that you are financially capable of meeting the obligations of closure and aftercare)?

Renewable bonds

Cash deposits with the Environment Agency

Other – provide comprehensive details

Document reference

\_\_\_\_\_

Provide a cost profile and expenditure plan of your estimated costs throughout the aftercare period of your site.

Document plan reference

\_\_\_\_\_

Now go to **question 3d**

#### 3d Management systems (all)

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 need to be able to explain what happens at each site and which parts of the overall management system apply. For example, at some sites you may need to show you are carrying out additional measures to prevent pollution because they are nearer to sensitive locations than others.

For waste and installation permits only: your management system must also explain your resilience to climate change.

You can find guidance on management systems on our website at <https://www.gov.uk/guidance/develop-a-management-system-environmental-permits>

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

What management system will you provide for your regulated facility?

ISO 14001

BS 8555 (Phases 1–5)

BS EN ISO 14005:2019

Green dragon

Own management system

EMAS Global

Other

Please send us a summary of the management system you are using and a copy of your accreditation (if applicable) with your application.

Document reference/s

\_\_\_\_\_ Activities

## 4 Consultation

Fill in 4a to 4c for installations and waste operations and 4d for installations only.

Could the waste operation or installation involve releasing any substance into any of the following?

### 4a A sewer managed by a sewerage undertaker?

No

Yes Please name the sewerage undertaker

\_\_\_\_\_

### 4b A harbour managed by a harbour authority?

No

Yes Please name the harbour authority

\_\_\_\_\_

### 4c Directly into relevant territorial waters or coastal waters within the sea fisheries district of a local fisheries committee?

No

Yes Please name the fisheries committee

\_\_\_\_\_

### 4d Is the installation on a site for which:

4d1 a nuclear site licence is needed under section 1 of the Nuclear Installations Act 1965?

No

Yes

4d2 a policy document for preventing major accidents is needed under regulation 5 of the Control of Major Accident Hazards Regulations 2015, or a safety report is needed under regulation 7 of those Regulations?

No

Yes

## 5 Supporting information

### 5a Provide a plan or plans for the site

But not any mobile plant

Clearly mark the site boundary or discharge point, or both. The site plan must be legible at A4 size, drawn to scale and include a scale bar.

## 5 Supporting information, continued

Also include site drainage plans, site layout plans, and plant design drawings/process flow diagrams (as required). (**See the guidance notes on part B2.**)

Document reference/s of the plans

\_\_\_\_\_

### 5b Provide the relevant sections of a site condition/baseline report if this applies

**See the guidance notes on part B2**

Document reference of the report

\_\_\_\_\_

If you are applying for an installation, tick the box to confirm that you have sent in a baseline report

### 5c Provide a non-technical summary of your application

**See the guidance notes on part B2 for what needs to be included.**

Document reference of the summary

\_\_\_\_\_

### 5d Are you applying for an activity that includes the storage of combustible wastes?

This applies to all activities excluding standalone water and groundwater discharges.

No

Yes Provide a fire prevention plan (**see the guidance notes on part B2.**)

Document reference of the plan

\_\_\_\_\_

## 6 Environmental risk assessment

Provide an assessment of the risks each of your proposed regulated facilities poses to the environment. The risk assessment must follow the methodology set out in 'Risk assessments for your environmental permit' at **Risk assessments for your environmental permit – GOV.UK (www.gov.uk)** or an equivalent method.

For air dispersion modelling see: **Environmental permitting: air dispersion modelling reports – GOV.UK (www.gov.uk)**

Document reference(s) for the assessments, including modelling reports and files where applicable

\_\_\_\_\_

## 7 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**

## 7 How to contact us, continued

Website: [www.gov.uk/government/organisations/environment-agency](https://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.**

### 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 our guidance notes easy to understand. Please use the space below to give us any comments you may have about this form or the guidance notes that came with it.

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

We will use your feedback to improve our forms and guidance notes, and to tell the Government how regulations could be made simpler.

Would you like a reply to your feedback?

Yes please

No thank you

### For Environment Agency use only

Date received (DD/MM/YYYY)

Our reference number

Payment received?

No

Yes

Amount received (£)

## Appendix 1 – Low impact installation checklist

Low impact installation criterion (see the Part B2 guidance notes)	Section of supporting document that shows how your proposed activity meets the LII criterion	Do you meet LII criterion?
<b>A – Management techniques</b>		Yes No
<b>B – Wastewater</b>		Yes No
<b>C – Abatement systems/ releases to air</b>		Yes No
<b>D – Emissions to groundwater</b>		Yes No
<b>E – Waste production</b>		Yes No
<b>F – Energy consumption</b>		Yes No
<b>G – Accident prevention</b>		Yes No
<b>H – Noise</b>		Yes No
<b>I – Emissions of polluting substances</b>		Yes No
<b>J – Odours</b>		Yes No
<b>K – Compliance history</b>		Yes No

If you answered 'No' to any of the questions above, your installation cannot be considered as a low impact installation.

## Appendix 2 – Date of birth information for Relevant offences and/or Technical ability questions only

Date of birth information in this appendix will not be put onto our Public Register. Continue on a separate sheet if necessary

### 1. Relevant Offences – date of birth information for relevant persons(s)

Please give us the following details if you have answered 'Yes' to question 3a

Name

Date of birth (DD/MM/YYYY)

### 2. Technical ability – date of birth information for technically competent manager(s)

Please give us the following details (relevant waste operations only)

Name

Date of birth (DD/MM/YYYY)

A - APPROVED

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



If you are applying for a new bespoke permit for an installation, fill in this part of the form, together with parts A, B2 and F1.

Please check that this is the latest version of the form available from our website.

Please read through this form and the guidance notes that go with it.

If you are applying for a permit for an intensive farm do not use this form, but complete application form part B3.5 instead.

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 three hours to fill in this part of the application form.

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- [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

---

**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
Sizewell C Construction Activity	Section 1.1 A(1)	Burning of any fuel in an appliance with a rated thermal input of 50MW or more	123.24 Mwth			
Directly associated activities (See note 4) Also note: if the DAA is a Medium Combustion Plant or Specified Generator (MCP/SG) please also fill in part B2.5, (see <a href="https://www.gov.uk/government/publications/application-for-an-environmental-permit-part-b25-new-bespoke-medium-combustion-plant-and-specified-generator-permit">https://www.gov.uk/government/publications/application-for-an-environmental-permit-part-b25-new-bespoke-medium-combustion-plant-and-specified-generator-permit</a> )						
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)				
Storage of raw materials (fuel)		Storage of 125,056 lts diesel oil				
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

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. If the DAA is a Medium Combustion Plant or Specified Generator (MCP/SG) please fill in the table in appendix 1 question 13.

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 <https://www.gov.uk/government/publications/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**

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 question 2

Yes

**Have you written a waste recovery plan (WRP) that shows that you will use waste to perform the same function as non waste materials you would have used?**

No You must write a WRP to support your application.

Yes

**Have we advised you during pre-application discussions that we believe the activity is waste recovery?**

No

Yes

**Have there been any changes to your proposal since the discussions?**

No

Yes

Please send us a copy of your current waste recovery plan that complies with our guidance at <https://www.gov.uk/government/publications/deposit-for-recovery-operators-environmental-permits/waste-recovery-plans-and-deposit-for-recovery-permits>. You need to highlight any changes you may have made since your pre-application discussions.

Document reference

Please note that there is an additional charge for the assessment or re assessment of a waste recovery plan that must be submitted as part of this application. For the charge see <https://www.gov.uk/government/publications/environmental-permitting-charges-guidance/environmental-permitting-charges-guidance>

## 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.

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

**Table 2 – Emissions (releases)**

Installation name		Sizewell C Construction Activity		
<b>Point source emissions to air</b>				
Emission point reference and location	Source	Parameter	Quantity	Unit
Shown in Appendix A: Site Plans of the Supporting Information Document	Diesel engines	NOx	52 point source emissions + 8 area sources	tn/annum
<b>Point source emissions to water (other than sewers)</b>				
Emission point reference and location	Source	Parameter	Quantity	Unit
n/a				
<b>Point source emissions to sewers, effluent treatment plants or other transfers off site</b>				
Emission point reference and location	Source	Parameter	Quantity	Unit
n/a				
<b>Point source emissions to land</b>				
Emission point reference and location	Source	Parameter	Quantity	Unit
n/a				

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

- water
- groundwater or
- sewer

## Supporting information

### 3 Operating techniques

#### 3a Technical standards

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. If you use the standards set out in the relevant BAT conclusion(s), BAT reference document(s) (BREF) and/or technical guidance(s) (TGN) there is no need to justify using them within your documents in Table 3a.

For Part A(2) activities refer to <https://www.gov.uk/government/collections/integrated-pollution-prevention-and-control-sector-guidance-notes> and for Part B and Schedule 14 activities see <https://www.gov.uk/government/collections/local-air-pollution-prevention-and-control-lappc-process-guidance-notes>

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 provided in part B2 (General bespoke permit) of the application form.

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

**Table 3 – Technical standards**

Fill in a separate table for each activity at the installation.

Installation name		
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)
Storage of Diesel		CIRIA C736
Part A(1) (a) Burning any fuel in an appliance with a rated thermal input of 50 or more megawatts.	Best Available Techniques (BAT) Reference Document for Large Combustion Plants: EUR 28836 EN	Sizewell C Project: BAT Assessment

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

In all cases, 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 reference

Supporting Information Document (SID)

**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 SID: Appendix F: Integrated Emissions Management Protocol
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 N/A
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 SID: Appendix F: Integrated Emissions Management Protocol

For guidance on risk assessments for your environmental permit see <https://www.gov.uk/guidance/risk-assessments-for-your-environmental-permit>

### 3c Types and amounts of raw materials

Fill in Table 5 for all schedule 1 activities. Fill in a separate table for each installation.

Table 5 – Types and amounts of raw materials

Name of the installation		Sizewell C Construction Activity		
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)
	SID: Raw materials			SID: Raw materials

#### Notes

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

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

Document reference

SID: Raw materials

### 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 related document.

Table 6 – Questions for specific sectors

Sector	Appendix
Combustion	<a href="#">See the questions in appendix 1</a>
Chemicals	<a href="#">See the questions in appendix 2</a>
Incinerating waste	<a href="#">See the questions in appendix 3</a>
Landfill and recovery of hazardous waste on land	<a href="#">See the questions in appendix 4</a>

## General information

### 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

N/A - no ELVs, ambient monitoring only.

See SID: Appendix F: Integrated Emissions Management Protocol for further information

#### 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

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

## 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 question 6
- Yes  Please 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 copy

Please refer to the PINS website:  
<https://national-infrastructure-consent-ing.planninginspectorate.gov.uk/projects/EN010012>

## 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

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

Document reference of the description

SID: Raw materials - Fuel Consumption

### 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

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

Please also provide documents that prove you are taking part in the agreement.

Document reference of the proof

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

Document reference of the justification

SID: Raw materials

### 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

SID: BAT summary



## 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

SID: Appendix C: Air Quality Modelling Report

### 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  Go to 7c

Yes  Please fill in the table in appendix 1 question 13

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

No

Yes  Please go to appendix 1 question 11

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## 8 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 422 549 (Monday to Friday, 8am to 6pm)

Email: [enquiries@environment-agency.gov.uk](mailto:enquiries@environment-agency.gov.uk)

Website: <https://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.**

### 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 our guidance notes easy to understand. Please use the space below to give us any comments you may have about this form or the guidance notes that came with it.

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

We will use your feedback to improve our forms and guidance notes, and to tell the Government how regulations could be made simpler.

Would you like a reply to your feedback?

Yes please

No thank you



### For Environment Agency use only

Date received (DD/MM/YYYY)

\_\_\_\_\_

Payment received?

No

Our reference number

\_\_\_\_\_

Yes

Amount received

£ \_\_\_\_\_

**Plain English Campaign's Crystal Mark does not apply to appendices 1 to 4.**

## 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	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gas oil	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Heavy fuel oil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Natural gas	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WID waste	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Biomass (see notes 1 and 2 below)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Biomass (see notes 1 and 2 below)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Biomass (see notes 1 and 2 below)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Biomass (see notes 1 and 2 below)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Biomass (see notes 1 and 2 below)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Landfill gas	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

### Notes

- Not covered by Industrial Emissions Directive 2010/75/EU.
- 'Biomass' is referred to The Renewables Obligation Order 2002 (<https://www.legislation.gov.uk/uksi/2002/914/contents/made>)

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

Document reference

SID

**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**

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

Fuel use and analysis					
Installation reference					
Parameter	Unit	Fuel 1	Fuel 2	Fuel 3	Fuel 4
Maximum percentage of gross thermal input	%	Diesel Oil	HVO		
Moisture	%	Will meet	See specs on next		
Ash	% wt/wt dry	EN 590	page		
Sulphur	% wt/wt dry	A specification sheet can be provided upon request			
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				

# Technical specifications

Tried, tested and true to nature

Crown HVO outperforms fossil diesels in several key areas which are outlined in the table below.

Parameter	Units	Test Method	Specification	Typical Value
Appearance	-	ASTM D4176-2	Clear and bright	Clear and bright
Density at 15°C	kg/m <sup>3</sup>	EN ISO 12185	0.770 - 0.790	0.780
Viscosity at 40°C	mm <sup>2</sup> /s	EN ISO 3104	2.0 - 4.0	2.8
Sulphur Content	mg/kg	EN ISO 20884	5 maximum	<5
Flash point	°C	EN ISO 2719	61 minimum	>70
Cloud point				
- Summer	°C	EN 23015	-15 maximum	< -15
- Winter			-34 maximum	< -34
CFPP				
- Summer	°C	EN116	-15 maximum	< -15
- Winter			-34 maximum	< -34
Water Content	mg/kg	EN ISO 12937	200 maximum	40
Ash Content	% m/m	EN ISO 6245	0.001 maximum	<0.001
Initial Boiling Point	°C	EN ISO 3405	180 minimum	>180
Recovered at 250°C	% v/v	EN ISO 3405	<65	<20
Recovered at 350°C	% v/v	EN ISO 3405	85 minimum	>98
95% recovered at	°C	EN ISO 3405	360 maximum	>95
Cetane Number	-	EN 15195	70 minimum	80
Cetane Index	-	EN ISO 4264	70 minimum	80
CFPP	°C	EN 116	-15 to -34	
Carbon Residue (on 10% distillation residue)	% m/m	EN ISO 10370	0.1 maximum	<0.01
Oxidation Stability	g/m <sup>3</sup>	EN ISO 12205	25 maximum	<5
Copper Strip Corrosion 3hr/50°C	-	EN ISO 2160	1 maximum	1a
Net Heat of Combustion	MJ/kg	ASTM D4809	42 minimum	44
Particulate Matter	mg/kg	EN 12662	10 maximum	<1
Lubricity/HFRR	µm	EN ISO 12156-1	400 maximum	350
Renewable Diesel	% v/v	-	100	100
Fatty Acid Methyl Ester	% v/v	-	0	0
Total Aromatics	% m/m	EN 12916	1 maximum	<1
Polycyclic Aromatics (PAH)	% v/v	SS 155116	0.02 maximum	<0.02

The above are typical figures and we reserve the right to alter the specification without notice. Nothing on this specification constitutes a guarantee.

## The decarbonisation of our roads

The decarbonising of our transport sector is increasingly urgent and important in the race to address climate change, with about 27% of UK greenhouse gas (GHG) emissions currently coming from this sector.

In addition, for the benefit of the population's health, there is a need to improve air quality in many of the UK's towns and cities, where road transport emissions are one of the biggest contributors to localised pollution.

The UK Government has already taken steps, with the launch of its 'Road to Zero' strategy: a long-term plan that will ultimately end the sale of new conventional petrol and diesel cars and vans by 2040.

The Institution of Mechanical Engineers believes sustainable and low carbon fuels such as Crown HVO offer an immediate opportunity to accelerate the decarbonisation of road transport.

Crown HVO fuel complies with BS EN 15940 being the British Standard for paraffinic diesel fuel which is a new generation of cleaner transport fuel for use in road vehicles.

If your vehicle is still within the manufacturer's warranty or if you have taken out mechanical breakdown insurance, we recommend you check with the manufacturer or insurer that use of our product will not affect your cover. We cannot be held responsible for any issues with your vehicle connected to its age or pre-existing condition.

The results below relate single sample of HVO that was tested for a specific application.

Water - <200ppm

Ash - <0.001%

Hydrogen - ~17%wt

Carbon - ~83%wt

Net Calorific value – 44MJ/Kg

A2021-365	PSP - FUEL TECHNOLOGY		HVO White
Activity	Analyte	Unit	A2021-365-001
ICP-OES	Al	mg/kg	<1.0
ICP-OES	B	mg/kg	<1.0
ICP-OES	Ba	mg/kg	<1.0
ICP-OES	Ca	mg/kg	<1.0
ICP-OES	Cr	mg/kg	<1.0
ICP-OES	Cu	mg/kg	<1.0
ICP-OES	Fe	mg/kg	<1.0
ICP-OES	K	mg/kg	< 5
ICP-OES	Mg	mg/kg	1.39
ICP-OES	Mo	mg/kg	<1.0
ICP-OES	Na	mg/kg	1.02
ICP-OES	Ni	mg/kg	<1.0
ICP-OES	P	mg/kg	< 1
ICP-OES	Pb	mg/kg	<1.0
ICP-OES	S	mg/kg	1.28
ICP-OES	Si	mg/kg	<1.0
ICP-OES	Ti	mg/kg	<1.0
ICP-OES	V	mg/kg	<1.0
ICP-OES	Zn	mg/kg	3.79

**Appendix 1 – Specific questions for the combustion sector, continued****3 If NO<sub>x</sub> 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**

Fill in a separate table for each installation.

Installation reference	
Fuel	NO <sub>x</sub> factor (kg <sup>t</sup> <sup>-1</sup> )
Fuel 1	
Fuel 2	
Fuel 3	
Fuel 4	

Note: kg<sup>t</sup><sup>-1</sup> means kilograms of nitrogen oxides released for each tonne of fuel burned.**4 Will your combustion plant be subject to Chapter III of the Industrial Emissions Directive 2010/75/EU?**No  Now fill in application form part FYes **5 What is your plant?**an existing one  A plant licensed before 1 July 1987a 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 2003a 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**

Fill in a separate table for each installation.

Installation reference	Sizewell C
Type of plant	Number within installation
Existing	
New	52 static plants + 8 area sources
New-new	
Gas turbine (group A)	
Gas turbine (group B)	

**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
- 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
None	None

**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  Please provide supporting evidence of why a CBA is not required (for example, an agreement from us)
- Document reference of this evidence
- Yes  Please submit a copy of your CBA
- Document reference of the CBA

Sizewell C | 101254757 / 001 | P1 - For Implementation | 12-Apr-2024 | NOT PROTECTIVELY MARKED



**Appendix 1 – Specific questions for the combustion sector, continued****12 Does your installation need to be combined heat and power-ready (CHP-ready)?**

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

Document reference of this evidence

Yes  Please provide a copy of your CHP-ready assessment

Document reference of the CHP-ready assessment

**13 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*	Please see the generator inventory in the Air Quality
12-digit grid reference or latitude/longitude	SID: Appendix C: Air Quality Modelling Report
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)	F42.2 - Construction of utility projects
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 <https://gridreferencefinder.com/>

## Appendix 2 – Specific questions for the chemical sector

### 1 Please 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
- the 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 notes (TGNs) (see <https://www.gov.uk/government/collections/technical-guidance-for-regulated-industry-sectors-environmental-permitting>); additional guidance ‘The production of large volume organic chemicals’ (EPR 4.01); ‘Speciality organic chemicals sector’ (EPR 4.02); ‘Inorganic chemicals sector’ (EPR 4.03); and 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 \_\_\_\_\_

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

No

Yes  Fill in the following

#### 3a List the activities which are controlled under the IED

Installation reference	
Activities	

#### 3b Describe how the list of activities in question 3a 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, please complete your answer to question 3a ‘Technical standards’ with reference to relevant parts of our healthcare waste appropriate measures guidance (see <https://www.gov.uk/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  
 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 S5.01 ‘Incineration of waste: additional guidance’ (under the sub heading ‘European legislation and your application for an EP Permit’). See <https://www.gov.uk/government/collections/technical-guidance-for-regulated-industry-sectors-environmental-permitting>.

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/m<sup>3</sup>), 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  Please 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  Please 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  Please 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  Please give your reasons for doing this

#### 12 Do you want to replace continuous SO<sub>2</sub> emission monitoring with periodic sulphur dioxide (SO<sub>2</sub>) 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  Please 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/m<sup>3</sup> as an hourly average, as allowed by IED Annex VI, Part 3?**

No

Does not apply

Yes  Please 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  Please provide supporting evidence of why a CBA is not required (for example, an agreement from us)

Document reference of this evidence

Yes  Please 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  Please provide supporting evidence of why a CHP-ready assessment is not required (for example, an agreement from us)

Document reference of this evidence

Yes  Please provide a copy of your CHP-ready assessment

Document reference of the CHP-ready assessment

## 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

<https://www.gov.uk/government/publications/deposit-for-recovery-operators-environmental-permits/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

<https://www.gov.uk/government/collections/environmental-permitting-landfill-sector-technical-guidance>

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

No  Please refer to the section of your ESSD that explains why this is unnecessary for your site

Document reference of this evidence

Yes  Document reference



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

### 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 \_\_\_\_\_

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