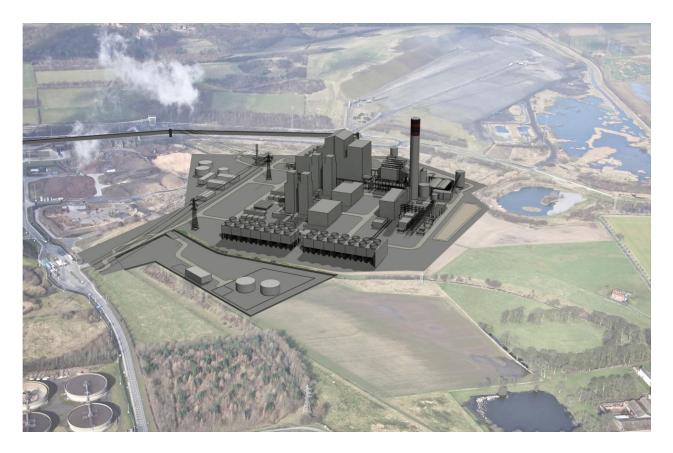




White Rose Carbon Capture and Storage (CCS) Project

Land adjacent to and within the Drax Power Station site, Drax, near Selby, North Yorkshire

Environmental Permit Chapter II – Application Forms



Applicant: Drax Power Limited Date: April 2015





Document History

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Approved By	
Signed	Date
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Revision No.	Date	Reason for Revision	Authorised By
0.1	07.04.15	Finalised Application Forms	





Glossary	of Abbreviations and Definitions
AOD	Above Ordinance Datum
ASU	Air Separation Unit
BS	British Standard
CCS	Carbon Capture and Storage
CEMP	Construction Environmental Management Plan
CPL	Capture Power Limited
dB	Decibel
EA	Environment Agency
EIA	Environmental Impact Assessment
ES	Environmental Statement
FGD	Flue Gas Desulphurisation
FRA	Flood Risk Assessment
GPU	Gas Processing Unit
HGV	Heavy Goods Vehicle
LWS	Local Wildlife Site
MWe	Megawatt
NERC	Natural Environment and Rural Communities (Act 2006)
NSIP	Nationally Significant Infrastructure Project
PEIR	Preliminary Environmental Information Report
SAC	Special Area of Conservation
SINC	Site of Importance for Nature Conservation
SPA	Special Protection Area
SSSI	Site of Special Scientific Interest
WHO	World Health Organisation
WSI	Written Scheme of Investigation





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1.0 INTRODUCTION

- 1.1 Capture Power Ltd (CPL) plans to construct a new 448 MWe (gross output) ultra-super critical coal fired power station. The Project will have the capacity to provide electricity sufficient for 630,000 households whilst capturing two million tonnes of carbon dioxide (CO₂) per year arising from the combustion process (approximately 90% of CO₂ emissions generated by the plant). The generating station and the means to capture CO₂ together comprise the White Rose Carbon Capture and Storage (CCS) Plant.
- 1.2 The Project is a key part of the UK's development and commercialisation of CCS, which the Government is supporting through over £1billion of capital and research and development funding. Additionally, the Project will support the development of a CO₂ transmission pipeline (a separate project developed by National Grid Carbon Ltd (NGCL)) which it is hoped will, in the future, be used by other industries and power stations in the Yorkshire and Humber area to transport their CO₂ emissions for permanent storage in the North Sea in geological features.
- 1.3 The application site (henceforth the 'Project site') is located on land adjoining the existing Drax Power Station in North Yorkshire, England. CO₂ captured will not be stored on site as the Project will link to a CO₂ transport and storage solution as noted above. The Project is in line with Government strategies (for instance the CCS Roadmap (1)) for controlling the construction / operation of new electrical generation infrastructure whilst meeting carbon reduction targets for the energy sector in the UK.
- 1.4 A separate Development Consent Order has been submitted to The Planning Inspectorate and was 'Accepted for Examination' on 17 December 2015 but did not include application for a deemed Environmental Permit. Due to the proposed activities of White Rose Carbon Capture and Storage it has been agreed with the Environment Agency that the current Drax Power Limited Environment Permit (VP3530LS) can be varied to accommodate the operations of the White Rose Carbon Capture and Storage Plant.
- 1.5 This Environmental Permit application is made in order to make a variation to the existing Drax Power limited Environment Permit (VP3530LS). The application forms and the associated chapters form the application for a variation to the Environmental Permit which will seek to add the activities of the White Rose Carbon Capture and Storage project to the existing Drax Power Limited Environmental Permit





2.0 APPLICATION FORMS

Application for an environmental permit Part A – About you	Environme Agency
You will need to fill in this part A if you are applying for a new permit, applying to change an existing permit or want to transfer an existing permit to yourself. Please check that this is the latest version of the form available from our website.	It will take less than one hour to fill in this part of the application form. Where you see the term 'document reference' on the form, give the document references and send the documents wit the application form when you've completed it.
Please read through this form and the guidance notes that came with it. Please write clearly in the answer spaces. Note: if you believe including information on a public register would not be in the interests of national security you must tick the box in section 5 of F1 or F2 and enclose a letter telling us that you have told the Secretary of State/Welsh ministers. We will not include the information in the public register unless directed otherwise.	Contents 1 About you 2 Applications from an individual 3 Applications from an organisation of individuals 4 Applications from public bodies 5 Applications from companies 6 Your address 7 Contact details 8 How to contact us
1 About you	
Are you applying as an individual, an organisation of individuals (fo	r example, a partnership), a company (this includes Limited
Liability Partnerships) or a public body? An individual	Now go to section 2
An organisation of individuals (for example, a partnership)	Now go to section 3
A public body	Now go to section 4
A registered company or other corporate body	Now go to section 5
2 Applications from an individual	
2a Please give us the following details Name	
Title (Mr, Mrs, Miss and so on)	
First name	L
Last name	L
Date of birth (DD/MM/YYYY)	L
Now go to section 6	
3 Applications from an organisation of individuals	
3a Type of organisation	
For example, a charity, a partnership, a group of individuals or a club	L
3b Details of the organisation	
If you are an organisation of individuals, please give the details of the main representative below. If relevant, provide details of other members (please include their title Mr, Mrs and so on) on a separate sheet and tell us the document reference you have given this sheet.	L
Contact name	





Form	EPA: Application for an environmental permit – Part A about you	
3	Applications from an organisation of individuals,	continued
Last	name	LJ
Date	of birth (DD/MM/YYYY)	LI
Now	go to section 6	
4	Applications from public bodies	
4a	Type of public body	
Fore	example, NHS trust, local authority, English county council	۱
4b	Name of the public body	L
4c An o	Please give us the following details of the executive fficer of the public body authorised to sign on your behalf	
Nam	e	
Title	(Mr, Mrs, Miss and so on)	
First	name	L
Last	name	L
Posi	tion	
Now	go to section 6	
5	Applications from companies or corporate bodies	
5a	Name of the company	Drax Power Limited
5b	Company registration number	04883589
Date	of registration (DD/MM/YYYY)	01/09/2003
	u are applying as a corporate organisation that is not a limited or eference you have given the document containing this evidence	ompany, please provide evidence of your status and tell us below
	ument reference	·
Now	go to section 6	
6	Your address	
6a	Your main (registered office) address	
	companies this is the address on record at Companies House.	
	(Mr, Mrs, Miss and so on)	Dr 🗾
	name	Nigel
	name	Burdett
Add		Drax Power Limited
		PO BOX 3
		Selby
		North Yorkshire
Post	code	YOS 8PQ
Cont	tact numbers, including the area code	
Pho	ne	01757 618387
Fax		1
Mob	ile	
Ema	il de la companya de	nigel.burdett@drax.com
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Form EPA: Application for an environmental permit – Part A about you

6 Your address, continued

For an organisation of individuals every partner needs to give us their details, including their title Mr, Mrs and so on. So, if necessary, continue on a separate sheet and tell us below the reference you have given the sheet.

L

Document reference for the extra sheet

6b Main UK business address (if different from above) Contact name	
Title (Mr, Mrs, Miss and so on)	_
First name	
Last name	
Address	
Postcode	
Contact numbers, including the area code	
Phone	
Fax	
Mobile	
Email	

Now go to section 7

7 Contact details

7a Who can we contact about your application?

This can be someone acting as a consultant or an 'agent' for you. Contact name

Title (Mr, Mrs, Miss and so on)

First name

Last name

Address

Postcode Contact numbers,

Phone Fax Mobile Email

	bojic
	Drax Power Limited
	PO BOX 3
	Selby
	North Yorkshire
	YO8 8PQ
including the area code	
	01757 612047
	jim.doyle@drax.com

Dr

James

Daula

-

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Form EPA: App	plication for an environmental permit – Part A about you	
7 Conta	act details, continued	
7b Who	an we contact about your operation (if different f	from question 7a)?
Contact nam	le	
Title (Mr, Mr	s, Miss and so on)	
First name		L
Last name		L
Address		L]
		L
		L
		L
Postcode		
Contact num	bers, including the area code	
Phone		L
Fax		
Mobile		
Email		
7c Who	an we contact about your billing or invoice?	
As in question		×.
As in question		
Please give (Contact nam	details below if different from question 7a or 7b.	
		L1
	s, Miss and so on)	
First name		
Last name		
Address		
Postcode		
	bers, including the area code	
Phone		LJ
Fax		
Mobile		
Email		

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Form EPA: Application for an environmental permit - Part A about you

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

Website: www.environment-agency.gov.uk

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

		Crystal Mark 19101 Clarity approved by Plain English Campaign
For Environment Agency use only		
Date received (DD/MM/YYYY)	Payment received?	
	No 🗖	
Our reference number	Yes Amount received	
	f	
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Form EPC: Application for an environmental permit - Part C2 general - varying a bespoke permit

Application for an environmental permit – Part C2 – General – varying a bespoke permit



Fill in this part of the form, together with part A and the relevant parts of C3 to C7 and part F1 or F2, if you are applying to vary (change) the conditions or any other part of the permit. Please check that this is the latest version of the form available from our website.

You only need to give us details in this application for the parts of the permit that will be affected (for example, if you are adding a new facility or changing existing ones).

You do not need to resend any information from your original permit application if it is not affected by your proposed changes.

Please read through this form and the guidance notes that came with it. Please write clearly in the answer spaces.

It will take less than two hours to fill in this form. Contents

1 About the permit

- 2 About your proposed changes
- 3 Your ability as an operator
- 4 Consultation
- 5 Supporting information
- 6 Environmental risk assessment
- 7 How to contact us

Appendix 1 - Low impact installation checklist

1 About the permit

Note: If you are applying to convert your existing permit to a standard permit or add a standard facility you need to fill out form C1.

1a Customer reference number

What is your customer reference number?

If you do not have a customer reference number, you may leave this blank.

The customer reference number is a unique identification number which tells us who you are. It is always made up of one letter and nine numbers in this order A111111111.

1b Discussions before your application

If you have had discussions with us before your application, provide the case reference number or details on a separate sheet and tell us below the reference you have given the document.

Case or document reference

1c Permit number

What is the permit number that this application relates to?

1d Site details

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

Site name Address Meeting held at Drax - 04/12/15 with the Environment Agency

VP3530LS

_ _

Drax Power Limited	l
PO BOX 3	[
SELBY	6
North Yorkshire	6
	6
Y08 8PQ	[

Postcode

2 About your proposed changes

2a Type of variation

What type of variation are you applying for? (Please tick)
Standalone water discharge activity or point source groundwater activity
Minortechnical
Normal variation
Substantial

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Form EPC: Application for an environmental permit - Part C2 general - varying a bespoke permit

2 About your proposed changes, continued

2b Changes or additions to existing activities

Please give us brief details in the box below. More detailed information can be given in Table 1 below.

For a full description of the White Rose CCS project - please visit The Planning Inspectorate website http://infrastructure.planningportal.gov.uk/projects/yorkshire-and-the-humber/white-rose-carbon-capture-and-storage-project/

Fill in Table 1 with details of all the proposed changes to current activities. In the final column of the table, give us the document reference for the proposed changes and send them to us with your filled in application form.

Fill in a separate table for each activity you are applying to vary or add. 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 this document.

Document reference

You only need to fill in one table for your mining waste operations.

If your proposed change is to modernise (update) your permit, now answer 2c1 otherwise go to 2d.

If your proposed change is to consolidate (combine) a number of permits, now answer 2c2 otherwise go to 2d.

Note: In both cases we may require additional information from you about, for example your management system. Therefore we would always advise you to talk to us before you submit any application to modernise or consolidate permits. Please see the 'Help with your application' web page on www.environment-agency.gov.uk.

2c Consolidating existing permits

2c1 Doyou want to have a modern style permit?

No 🗌

Yes 🖌

2c2 Identify all the permits you want to consolidate by listing the permit numbers in Table 2 below.

Table 2 – Permit numbers

VP353OLS

2d Treating batteries

Are you proposing to treat batteries?

No 🖌

Yes 🧾 Tell us how you will do this and send us a copy of your explanation

Document reference for the explanation

2e Low impact installations (installations only)

Will any changes mean that any of the regulated facilities will become low impact installations?

No 🚺 Now go to section 3

Yes 📃

If yes, tell us how you meet the conditions for a low impact installation (see the guidance in appendix 1).

Document reference for the explanation

Tick the box to confirm you have filled in the low impact installation checklist in appendix 1 for each regulated facility. Now go to section 3

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Form EPC: Application for an environmental permit – Part C2 general – varying a bespoke permit

Table 1 – Changes to existing activities

Name	Installation schedule 1 references	Description of the installation activity	Description of waste operation	Description of the mining waste operations	Description of water discharge activity	Description of groundwater activity	Proposed changes document reference
i.e. name of installation, waste operation, mining waste operation, water discharge activity or groundwater activity							
Example – Effluent unique name					Example – treated sewage effluent		
If you do not have enough room, go to the line below or send a separate document and give us the document reference here							
Combustion Plant	Section 1.1 Part A(1)a	Fuel Deliveries					
		Fuel Processing/Stor					
		Water Treatment					
		Ash Disposal					
		Emissions Monitoring					
		Gen/Export Elec.					
Main Boiler							
Auxiliary Boiler							

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3 Your ability as an operator

If you are applying to add waste installations or waste operations to a permit that has not previously had them, you need to fill in all of section 3.

If you are applying to consolidate two or more permits or have an updated permit you must fill in question 3d.

This section does not apply for applications to surrender a permit.

3a Relevant offences (installations and waste operations only - see the guidance notes on part C2)

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

	-	to question 3b give details below	
	Name o	f the relevant person	
	Title (M	r, Mrs, Miss and so on)	
	First na	me	L
	Last na	me	L
	Date of	birth (DD/MM/YYYY)	
	Position	at the time of the offence	LJ
	Name o	f the court	L
	Date of	the conviction (DD/MM/YYYY)	
	Offence	and penalty set	L
	Date an	y appeal against the conviction will be heard	L]
	(DD/MN	//YYYY)	
		sary, use a separate sheet to give us details of other w the reference number you have given the extra she	relevant offences (and post conviction plans if relevant) and tell eet.
	Docume	ent reference of the extra sheet	L
		u sent us a post conviction plan for this offence? You must send us a post conviction plan with this a	pplication and give us the document reference below
		Document reference	L
	Yes 🗌	Please give us the reference for the post conviction	plan you have sent and the date sent in
		Post conviction plan reference	
	Now go	Date sent in (DD/MM/YYYY) to question 3b	
3b Te part C2		ability (specified waste management activitie	s and waste operations only – see the guidance notes on
	·	cheme you are using to show you have the suitable t	echnical skills and knowledge to manage your facility.
	VAMITAE	3	
ESA/EU			_
	send in a to quest	registration letter from your scheme as above ion 3c	
3c Fi Doyou No Yes	nances or any re Please g	(installations, waste operations and mining was levant person have current or past bankruptcy or ins	ts (including infrastructure), maintenance and clean up costs for

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

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Form EPC: Application for an environmental permit – Pa	art C2 general – varving a bespoke permit
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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)?

Bonds	
Escrow account	
Trust fund	
ump sum	
Other	
Provide a plan of your estimated expenditure on each phase of the la	ndfill or mining waste facility.

Give the document plan reference number

Now go to question 3d

3d Management systems

You can find guidance on management systems in both 'How to Comply' and 'Horizontal Guidance Note 6 – Environmental Management Systems'. We have also developed environmental management toolkits for some business sectors which you can use to produce your own management system. You can get these by calling 03708 506 506 or by downloading them from our website at www.environment-agency.gov.uk.

Does your management system meet the conditions set out in our guidance?

,,,,,,,	0
No 📃	
Yes 🖌	
What management system will you provide for your regulated fac	ility?
EC Eco-Management and Audit Scheme (EMAS)	
ISO 14001	
BS 8555 (Phases 1–5)	
Green Dragon	
Own management system	
You must send us a summary of your management system with y	our application.
Document reference or references for this summary	

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?

L

No 🔲

Yes 📃 Please name the fisheries committee

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continued	is and waste operations and 4d for installations only),
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 n Regulations 1999, or a safety report is needed under regula	eeded under regulation 5 of the Control of Major Accident Hazards ation 7 of those regulations?
No 🔲	
Yes 🗸	
5 Supporting information	
	lance notes on part C2 for what needs to be marked on the plan)
Document plan reference or references	
For a full description of the White Rose CCS project - pleas http://infrastructure.planningportal.gov.uk/projects/yorkshin	se visit The Planning Inspectorate website e-and-the-humber/white-rose-carbon-capture-and-storage-project/
5b Do any of the variations you plan to make need	avtra land to be included in the normit?
No	exua tana to be included in the permit:
Yes 🗹 Please provide a site report for the extra land.	
Document report reference or references	
	ert - please visit The Planning Inspectorate website
For a full description of the White Rose CCS proje	ect - please visit The Planning Inspectorate website /yorkshire-and-the-humber/white-rose-carbon-capture-and-storage-projec
For a full description of the White Rose CCS proje http://infrastructure.planningportal.gov.uk/projects/	/yorkshire-and-the-humber/white-rose-carbon-capture-and-storage-proje
For a full description of the White Rose CCS proje http://infrastructure.planningportal.gov.uk/projects/ 5c Provide a non-technical summary of your applic	/yorkshire-and-the-humber/white-rose-carbon-capture-and-storage-proje
For a full description of the White Rose CCS proje http://infrastructure.planningportal.gov.uk/projects/ 5c Provide a non-technical summary of your applic Document reference	/yorkshire-and-the-humber/white-rose-carbon-capture-and-storage-proje
For a full description of the White Rose CCS proje http://infrastructure.planningportal.gov.uk/projects/ 5c Provide a non-technical summary of your applic Document reference 5d Adding an installation	/yorkshire-and-the-humber/white-rose-carbon-capture-and-storage-proje
For a full description of the White Rose CCS proje http://infrastructure.planningportal.gov.uk/projects 5c Provide a non-technical summary of your applic Document reference 5d Adding an installation fyou are applying to add an installation, tick the box to con	/yorkshire-and-the-humber/white-rose-carbon-capture-and-storage-proje
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For a full description of the White Rose CCS proje http://infrastructure.planningportal.gov.uk/projects/ 5c Provide a non-technical summary of your applic Document reference 5d Adding an installation If you are applying to add an installation, tick the box to con that you have sent in a baseline report and provide a reference Document reference of the report 6 Environmental risk assessment (if you need	/yorkshire-and-the-humber/white-rose-carbon-capture-and-storage-proje cation Please see Chapter 1 of this application firm nce. To discuss - installation is White Rose CCS d one – see the guidance notes on part C2)
For a full description of the White Rose CCS proje http://infrastructure.planningportal.gov.uk/projects/ 5c Provide a non-technical summary of your applic Document reference 5d Adding an installation fyou are applying to add an installation, tick the box to con that you have sent in a baseline report and provide a reference Document reference of the report 6 Erwironmental risk assessment (if you need Provide an assessment of the risks each of your proposed a	/yorkshire-and-the-humber/white-rose-carbon-capture-and-storage-proje cation Please see Chapter 1 of this application firm nce. ✓ To discuss - installation is White Rose CCS
For a full description of the White Rose CCS proje http://infrastructure.planningportal.gov.uk/projects/ Sc Provide a non-technical summary of your applic Document reference Sd Adding an installation fyou are applying to add an installation, tick the box to con that you have sent in a baseline report and provide a reference Document reference of the report 6 Environmental risk assessment (if you need Provide an assessment of the risks each of your proposed a an equal method.	/yorkshire-and-the-humber/white-rose-carbon-capture-and-storage-proje cation Please see Chapter 1 of this application firm nce. To discuss - installation is White Rose CCS d one – see the guidance notes on part C2)
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For a full description of the White Rose CCS proje http://infrastructure.planningportal.gov.uk/projects/ 5c Provide a non-technical summary of your applic Document reference 5d Adding an installation fyou are applying to add an installation, tick the box to con that you have sent in a baseline report and provide a reference Document reference of the report 6 Environmental risk assessment (if you need Provide an assessment of the risks each of your proposed a an equal method. Document reference of the assessment 7 How to contact us fyou need help filling in this form, please contact the person	/yorkshire-and-the-humber/white-rose-carbon-capture-and-storage-proje cation Please see Chapter 1 of this application nfirm nce. ✓ To discuss - installation is White Rose CCS d one – see the guidance notes on part C2) activities cause to the environment. The risk assessment must use H1 or
For a full description of the White Rose CCS proje http://infrastructure.planningportal.gov.uk/projects/ 5c Provide a non-technical summary of your applic Document reference 5d Adding an installation fyou are applying to add an installation, tick the box to con that you have sent in a baseline report and provide a reference Document reference of the report 6 Environmental risk assessment (if you need Provide an assessment of the risks each of your proposed a an equal method. Document reference of the assessment 7 How to contact us fyou need help filling in this form, please contact the perso General enquiries: 03708 506 506 (Monday to Friday, 8am f	/yorkshire-and-the-humber/white-rose-carbon-capture-and-storage-proje cation Please see Chapter 1 of this application nfirm nce. To discuss - installation is White Rose CCS d one - see the guidance notes on part C2) activities cause to the environment. The risk assessment must use H1 or on who sent it to you or contact us as shown below. to 6pm)
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Form EPC: Application for an environmental permit - Part C2 general - varying a bespoke permit

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.

L

Would you like a reply to your feedback? Yes please

No thank you

	Mark 19110 Clarity approved by Plain English Campaig
For Environment Agency use only	
Date received (DD/MM/YYYY)	Payment received?
	No 🔲
Our reference number	Yes Amount received
	£

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Crystal





Form EPC: Application for an environmental permit – Part C2 general – varying a bespoke permit

Plain English Campaign's Crystal Mark does not apply to appendix 1. Appendix 1 – Low impact installation checklist

Installation reference					
Condition	Response	Response			
A – Management techniques	Provide references to show	Yes 🗌			
	References			No 🗔	
B – Aqueous waste	Effluent created		m³/day	Yes No	
C – Abatement systems	Provide references to show how your application meets C. References			Yes 🔲	
				No 🛄	
D – Groundwater	Do you plan to release any hazardous substances or non-hazardous pollutants into the ground?		Yes 🔲 No 🛄	Yes No	
E – Producingwaste	Hazardous waste		Tonnes peryear	Yes	
	Non-hazardous waste		Tonnes peryear	No 🔲	
F – Using energy	Peak energy consumption		MW	Yes No	
G – Preventing accidents	Do you have appropriate measures to prevent Yes spills and major releases of liquids? (See 'How No to comply'.)			Yes No	
	Provide references to show				
	References				
H – Noise	Provide references to show how your application meets H.			Yes No	
	References				
I – Emissions of polluting substances	Provide references to show	Yes No			
	References				
J – Odours	Provide references to show how your application meets J.			Yes	
	References			No 🔲	
K – History of keeping to the regulations	Say here whether you have in any enforcement action Compliance History Appen notes.	as described in	Yes 🔲 No 🔲		

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Application for an environmental permit Part F1 – Opra, charges and declarations



Fill in this part for all applications for installations, waste operations, mining waste operations and groundwater discharges onto land. Please check that this is the latest version of the form available from our website.

For applications for water discharge and point source groundwater discharge activities you need to fill in part F2 instead.

Please read through this form and the guidance notes that came with it. Please write clearly in the answer spaces.

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

Contents

1 Working out charges

- 2 Opra
- 3 Payment
- 4 The Data Protection Act 1998
- 5 Confidentiality and national security
- 6 Declaration
- 7 Application checklist
- 8 How to contact us
- 9 Where to send your application

1 Working out charges (you must fill in this section)

You have to submit an application fee with your application. You can find out the charge by either looking at the relevant standard rules permit page, the 'Making an application' webpage at http://www.environment-agency.gov.uk/business/topics/permitting/32318.aspx, or the current environmental permitting charging scheme on our website at www.environment-agency.gov.uk which sets out our charges under the Environmental Permitting Regulations. Please remember that the charges are revised on 1 April each year and that there is an annual subsistence charge to cover the costs we incur in the ongoing regulation of the permit.

Note: for Opra charged Tier 3 Facilities you also need to complete an Opra profile (see section 2).

Table 1 – Working out charges

Type of application	Substantial Variation				
	Summary of charges				
Tier 2 facilities (including Part A(2) and Part B; see guidance notes on part F1)	Charge identifier	Number of facilities	Charge for each facility (£)	Charges due (£)	
Tier 3 facilities					
Total Opra charging score for installations	587.00	× charge multiplier	110.00	- 64,570.00	
Total Opra charging score forwaste operations		× charge multiplier		-	
Total Opra charging score for mining waste facilities		× charge multiplier		-	
Other charges					
Total charges due				64,570.00	

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2 Opra (does not apply to standard facilities, any other tier 2 permit applications (e.g. groundwater land spreading activities), or water-discharge or groundwater point source discharge activities)

If you are submitting a bespoke application, you must include a completed electronic copy in Excel of the current Opra spreadsheet. For variations, full and partial surrenders you will need to submit a copy of your current Opra profile based on your existing profile, not any new profile following the variation or surrender.

For transfers you will need to submit a revised Opra profile to include your own operator performance. Note: this will not change the set transfer fee.

Tick this box to confirm that you have included the OPRA spreadsheet ✓ 3 Payment Tick below to show how you have paid. Cheque Postal order Cash Tick below to confirm you are enclosing cash with the application Credit or debit card DRAXP448 Electronic transfer (for example, BACS) Remittance number 07/04/2015 Date paid (DD/MM/YYYY) How to pay Paying by cheque, postal order or cash Cheque details Cheque made payable to Cheque number Amount f

You should make cheques or postal orders payable to 'Environment Agency' or 'Environment Agency Wales' as appropriate and make sure they have 'A/c Payee' written across them if it is not already printed on.

Please write the name of your company and application reference number on the back of your cheque or postal order. We will not accept cheques with a future date on them.

We do not recommend sending cash through the post. If you cannot avoid this, please use a recorded delivery postal service and enclose your application reference details. Please tick the bax below to confirm you are enclosing cash.
I have enclosed cash with my application

Paying by credit or debit card

If you are paying by credit or debit card, either we can call you or you can fill in the separate form CC1 and enclose it with the application. We will destroy your card details once we have processed your payment. We can accept payments by Visa, MasterCard or Maestro card only.

Please call me to arrange payment by debit or debit card	
I have enclosed form CC1 with my application	

Dauda a bu	alactranic	rancfor	BACS reference	
ravine by	electronic	ransier	DACS reference	

Applying for a permit in Wales?

If you choose to pay by electronic transfer and you are applying for a permit in the EAWales region, you will need to use the following information to make your payment.

Company name:	Environment Agency Wales
Company address:	PO Box 663, Cardiff, CF24 0TP
Bank:	Citigroup Centre
	Canada Square, London, E14 5LB
Sort code:	08-33-00
Account number:	12800578
Payment reference number:	PSCAPPXXXXXYYY

You need to create your own reference number. It should begin with PSCAPP (to reflect that the application is for a permitted activity) and it should include the first five letters of the company name (replacing the X's in the above reference number) and a unique numerical identifier (replacing the Y's in the above reference number). The reference number that you supply will appear on our bank statements.

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3 Payment, continued

You should also email your payment details and a reference number to online@environment-agency.wales.gov.uk or fax it to 02920 466 404.

If you are making your payment from outside the United Kingdom, it must be in sterling. Our IBAN number is GB48 CITI0833 0012 8005 78 and our SWIFTBIC number is CITI GB2LXXX.

If you do not quote your reference number, there may be a delay in processing your payment and application.

Applying for a permit in England?

If you choose to pay by electronic transfer and you are applying for a permit for another (English) region, you will need to use the following information to make your payment.

Company name:	EnvironmentAgency
Company address:	Income Dept 311, PO Bax 263, Peterborough, PE2 8YD
Bank:	Citigroup Centre
Address:	Canada Square, London, E14 5LB
Sort code:	08-33-00
Account number:	12800543
Payment reference number:	PSCAPPXXXXXYYY

You need to create your own reference number. It should begin with PSCAPP (to reflect that the application is for a permitted activity) and it should include the first five letters of the company name (replacing the X's in the above reference number) and a unique numerical identifier (replacing the Y's in the above reference number). The reference number that you supply will appear on our bank statements.

You should also email your payment details and reference number to FSC-Income@environment-agency.gov.uk or fax it to 01733 464 892.

If you are making your payment from outside the United Kingdom, it must be in sterling. Our IBAN number is GB23 CITI0833 0012 8005 78 and our SWIFTBIC number is CITI GB2LXXX.

If you do not quote your reference number, there may be a delay in processing your payment and application.

Now read section 4 below.

4 The Data Protection Act 1998

We, the Environment Agency, will process the information you provide so that we can:

- deal with your application;
- make sure you keep to the conditions of the licence, permit or registration;
- process renewals; and
- keep the public registers up to date.
- We may also process or release the information to:
- offeryou documents or services relating to environmental matters;
- consult the public, public organisations and other organisations (for example, the Health and Safety Executive, local authorities, the emergency services, the Department for Environment, Food and Rural Affairs) on environmental issues;
- carry out research and development work on environmental issues;
- provide information from the public register to anyone who asks;
- prevent anyone from breaking environmental law, investigate cases where environmental law may have been broken, and take
 any action that is needed;
- assess whether customers are satisfied with our service, and to improve our service; and
- respond to requests for information under the Freedom of Information Act 2000 and the Environmental Information Regulations 2004 (if the Data Protection Act allows). We may pass the information on to our agents or representatives to do these things for us.

Now read section 5 below.

5 Confidentiality and national security

We will normally put all the information in your application on a public register of environmental information. However, we may not include certain information in the public register if this is in the interests of national security, or because the information is confidential.

You can ask for information to be made confidential by enclosing a letter with your application giving your reasons. If we agree with your request, we will tell you and not include the information in the public register. If we do not agree with your request, we will let you know how to appeal against our decision, or you can withdraw your application.

Only tick the box below if you wish to claim confidentiality for your application

Please treat the information in my application as confidential

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Confidentiality and national security, continued 5

National security

You can tell the Secretary of State/Welsh ministers that you believe including information on a public register would not be in the interests of national security. You must enclose a letter with your application telling us that you have told the Secretary of State and you must still include the information in your application. We will not include the information in the public register unless the

Secretary of State decides that it should be included.

You can find guidance on national security in 'Core Environmental Permitting Guidance' published by Defra and available via our website at www.environment-agency.gov.uk.

You cannot apply for national security via this application.

Now go to section 6

6 Declaration

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 2012. A relevant person should make the declaration (see guidance notes on part F1). An agent acting on behalf of an applicant is NOT a

relevant person.

Each individual (or individual trustee) who is applying for their name to appear on the permit must complete this declaration. You will have to print a separate copy of this page for each additional individual to complete.

If you are transferring all or part of your permit, both you and the person receiving the permit must make the declaration.

Note: If you are unable to trace one or more of the current permit holders please see below under the transfers declaration. I declare that the information in this application is true to the best of my knowledge and belief. I understand that this application may be refused or approval withdrawn if I give false or incomplete information.

If you deliberately make a statement that is false or misleading in order to get approval you may be prosecuted.

I confirm that my standard facility will fully meet the rules that I have applied for (this only applies if the application includes standard facilities)

Tick this box to confirm that you understand and agree with the declaration above, then fill in the details below

Tick this box to confirm that you have no issue with us using information from any ecological survey that you have supplied with your application (for further information please see the guidance notes on part F1) Name

Title (Mr, Mrs, Miss ar

First name

Last name

on behalf of (if releva and so on)

Position (if relevant: and so on)

Today's date (DD/MM/YYYY)

Me

nd so on)	
	Philip
	Hudason
int; for example, a company or organisation	
inc, for example, a company or organisation	Drax Power Limited
for example, in a company or organisation	
for example, in a company of organisation	Group Company Secretary
. (anno)	.08/04/2015

- 1

For transfers only - declaration for person receiving the permit

A relevant person should make the declaration (see guidance notes on part F1).

I declare that the information in this application to transfer an environmental permit to me is true to the best of my knowledge and belief. I understand that this application may be refused or approval withdrawn if I give false or incomplete information.

Note: If you cannot trace a person or persons holding the permit you may be able to transfer the permit without their declaration as above. Please contact us to discuss this and supply evidence in your application to confirm you are unable to trace one or all of the permit holders.

If you deliberately make a statement that is false or misleading in order to get approval you may be prosecuted.

Tick this box to confirm that you understand and agree with	
the declaration above	
Name	
Title (Mr, Mrs, Miss and so on)	
First name	
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6 Declaration, continued

Last name

on behalf of (if relevant; for example, a company or organisation and so on) Position (if relevant; for example, in a company or organisation and so on)

Today's date (DD/MM/YYYY) Now go to section 7

7 Application checklist (you must fill in this section)

Tell us what you have sent with this application.

The correct application fee under our charging scheme I tist all the documents you have included. If necessary, continue on a separate sheet and tell us the reference you have given the document below.
Document reference

Question reference	Document title	Document reference
Preamble	Preamble	
Preamble	Oxy Power Plant Process	Figure 1
Preamble	Generation Station Drawing	Figure 2
Preamble	Elevation	Figure 3
Preamble	Elevation	Figure 4
Preamble	Elevation	Figure 5
Preamble	Elevation	Figure 6
Preamble	Key Plant Elements	Figure 7
Preamble	Location Plan	Figure 8
Preamble	Habitats Plan	Figure 9
Preamble	Historic Environments Plan	Figure 10
Chapter 1	Introduction	Chapter 1
Chapter 2	Application Forms	Chapter 2
Chapter 3	Site Layout Plan	Chapter 3
Chapter 4	Technical Description of CCS Plant	Chapter 4

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

Website: www.environment-agency.gov.uk

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.

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Question Reference	Document Title	Document Reference
Chapter 5	Opra	Chapter 5
Chapter 6	Management and Systems	Chapter 6
Chapter 7	H1	Chapter 7
Chapter 8	Point Source Emissions to Air	Chapter 8
Chapter 9	Point Source Emissions to Water	Chapter 9
Chapter 10	Noise and Vibration	Chapter 10
Chapter 11	Raw Material	Chapter 11
Chapter 12	Energy Efficiency	Chapter 12
Chapter 13	Best Available Technique Statement	Chapter 13
Annex A	Combined Heat and Power	Annex A
	Assessment	
Annex B	Habitats Regulation Assessment	Annex B





9 Where to send your application (for how many copies to send see the guidance note on part F1)

Please send your filled in application form to: Permitting Support Centre Quadrant 2 99 Parkway Avenue Parkway Business Park Sheffield S9 4WF

Do you want all information to be sent to you by email?

Please tick this box if you wish to have all communication about this application sent via email (we will use the details provided in Part A) 📝

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

		Crystal Mark 19132 Clarity approved by Plain English Campaign
For Environment Agency use only Date received (DD/MM/YYYY) Our reference number	Payment received? No Yes Amount rece £	eived
EPF1 Version 7, December 2012		page 6 of 6





Application for an environmental permit Part C3 – Variation to a bespoke installation permit



Fill in this part of the form, together with part A, part C2 and part F1, if you are applying to vary (change) the conditions or any other part of the permit. Please check that this is the latest version of the form available from our website.

You only need to give us details in this application for the parts of the permit that will be affected (for example, if you are adding a new facility or making changes to existing ones).

You do not need to resend any information from your original permit application if it is not affected by your proposed changes.

Please read through this form and the guidance notes that came with it. Please write clearly in the answer spaces.

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

1 What activities are you applying to vary?

Emissions to air, water and land 3 Operating techniques 4 Monitoring Environmental impact assessment 5 6 Resource efficiency and climate change 7 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 intensive farming sector Appendix 4 – Specific questions for the clinical waste sector Appendix 5 - Specific questions for the hazardous and nonhazardous waste recovery and disposal sector Appendix 6 – Specific questions for the waste incineration sector Appendix 7 – Specific questions for the landfill sector

What activities are you applying to vary?

Fill in Table 1a below with details of all the activities listed in schedule 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.

Contents

1

2

Fill in a separate table for each installation you are applying to vary. 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

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Table 1a – Types of activities

Schedule 1 listed activities						
Installation name	Schedule 1 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-haz ardous waste treatment capacity (if this applies) (See note 3)
Add extra rows if you need them. If you do not have enough room, go to the line below or send a separate document and give us the document reference here	Put your main activity first			For installations that take waste only	For installations that take waste only	For installations that take waste only
EPR/VP3530LS/V012	1.1Part A (1) (a) (ii)	Combustion				
EPR/VP3530LS/V012	1.1 Part A (1) (a) (i)	Combustion				
Directly associated activitie	es (See note 4)					
Name of DAA		Description of the DAA (ple	ase identify the schedule 1 a	ctivity it serves)		
Add extra rows if you need	them					
For installations that take w	For installations that take waste Total storage capacity (See note 5 below)					
Annual throughput (tonnes each year)						

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1 What activities are you applying to vary?, continued

Notes

- Quote the section number, part A1 or A2 or B, then paragraph and sub paragraph number as shown in part 2 of schedule 1 to the regulations.
- 2 Use the description from schedule 1 of the regulations. Include any extra detail that you think would help to accurately describe what you want to do.
- 3 By 'capacity', we mean:
 - the total incineration capacity (tonnes every hour) for waste incinerators;
 - the total landfill capacity (cubic metres) for landfills;
 - the total treatment capacity (tonnes each day) for waste treatment;
 - the total storage capacity (tonnes) for waste storage operations;
 - the processing and production capacity for manufacturing operations; or
 - the thermal input capacity for combustion activities.
- 4 Fill this in as a separate line and give an accurate description of any other activities associated with your schedule 1 activities. You cannot have DAAs as part of a mobile plant application.
- 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. 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 wastes with a code ending in 99, you must give us more information and a full description.

Document reference for this extra information

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

Waste code	Description of waste
Example	Example
02 01 08*	Agrochemical waste containing dangerous substances
06 01 02*	Hydrochloric acid

2 Emissions to air, water and land

Fill in Table 2 below with details of the emissions that result from the operating techniques at each of your installations. Fill in one table for each installation.

Table 2 – Emissions

Installation name	Details contained within Chapter VIII & Chapter IX						
Point source emissions to air							
Emission point reference and location Source Parameter Quantity Unit							





2 Emissions to air, water and land, continued

Table 2 - Emissions, continued

Point source emissions to water (other than se	Point source emissions to water (other than sewers)					
Emission point reference and location	Source	Parameter	Quantity	Unit		
Point source emissions to sewers, effluent trea	atment plants or other to	ansfers 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		

Supporting information

3 Operating techniques

3a Technical standards

Fill in Table 3 for each activity, at the installation you have referred to in Table 1a above. List the relevant technical guidance note (TGN) or notes you are planning to use. If you are planning to use the standards set out in the TGN, there is no need to justify using them.

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 C2 (general bespoke permit) of the application form.

The documents you have referenced in Table 3 should summarise the main measures you use to control the main issues identified in the H1 assessment or technical guidance. For each of the activities listed in Table 3, describe the type of operation and the options you have chosen for controlling emissions from your process.

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3



Form EPC: Application for an environmental permit – Part C3 varying a bespoke installation permit

Operating techniques, continued

Table 3 – Technical standards

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

Installation name	EPR/VP3530LS/V012		
Description of the schedule 1 activity or directly associated activity	Relevant technical guidance note or Best available techniques as described in BAT conclusions under IED (see footnote below. You will need to refer to 'How to comply' for all permits)	Document reference (if appropriate)	
	'How to comply'		

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

Details contained within Chapter IV

If appropriate, use block diagrams to help describe the operation and process. Provide the references for the description.

Document reference for the diagram or description

3b General requirements

Fill in a separate Table 4 for each installation.

Table 4 – General requirements

Name of the installation	
If the TGN or H1 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
Where the TGN or H1 assessment shows that odours are an important issue, send us your odour management plan	Document reference or references
If the TGN or H1 assessment shows that noise or vibration are important issues, send us your noise or vibration management plan (or both)	Document reference or references

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		Details contained within Chapter XI		
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)

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.

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3 Operating techniques, continued

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 for this extra sheet.

Document reference for the sheet

Details contained within Chapter XI

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	See the questions in appendix 1
Chemicals	See the questions in appendix 2
Intensive farming	See the questions in appendix 3
Clinical waste	See the questions in appendix 4
Haz ardous and non-hazardous waste recovery and disposal	See the questions in appendix 5
Incinerating waste	See the questions in appendix 6
Landfill	See the questions in appendix 7

General information

4 Monitoring

Document reference

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; and
- the procedures you follow to assess the measures.

Details contained within Chapter IX

4b Point source emissions to air only

Provide an assessment of the sampling locations used to measure point source emissions to air. The assessment must use M1.
Decument reference of the assessment
Details contained within Chapter VIII

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]?

No 📃

Yes 🜠 Please provide a copy of the environmental statement and, if the procedure has been completed:

- a copy of the planning permission; and
- the committee report and decision on the EIA.
 Document reference for the copy

For EIA please see The Planning Inspectorate website

6 Resource efficiency and climate change

If the site is a landfill, you only need to fill in this section if the application includes landfill gas engines.

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

Document reference for the description

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

Document reference for the description

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 for the description EPC3 Version 8, December 2013

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6 Resource efficiency and climate change, continued

Yes Please give the date you entered (or the date you expect to enter) into the agreement. Please also provide documents that prove you are taking part in the agreement (DD/MM/YYYY)

Document reference of proof

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

Document reference of the justification

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

7 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: 03708 422 549 (Monday to Friday, 8am to 6pm)

Email: enquiries@environment-agency.gov.uk

Website: www.environment-agency.gov.uk

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.

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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

Yes please
No thank you

Crystal Mark 19111 Clarity approved by Plain English Campaign

For Environment Agency use only	
Date received (DD/MM/YYYY)	Payment received?
	No 🔲
Our reference number	Yes Amount received
I	£

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Plain English Campaign's Crystal Mark does not apply to appendices 1 to 7.

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)			
Other			

Notes

1 Not covered by Industrial Emissions Directive 2010/75/EU.

2 'Biomass' is referred to in www.opsi.gov.uk/si/si2002/20020914.htm.

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

Details contained within Chapter IV and Chapter XII

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				

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Appendix 1 – Specific questions for the combustion sector, continued

2 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

Fill in a separate table for each installation.

Installation reference	Detail contained within Chapter VIII
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.

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

No 🗔	Now	fill in	part F
------	-----	---------	--------

Yes 🖌

5 Is your plant	
an existing plant (a plant licensed before 1 July 1987)?	
a new plant (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)?	
or	
a new-new plant (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	EPR/VP3530LS/V012
Type of plant	Numberwithin installation
Existing	1
New	
New-new	
Gas turbine (group A)	
Gas turbine (group B)	

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

No 🔲 Now go to section 9

Yes 🗸

8 Have you subsequently withdrawn your declaration?

No 🗆

Yes 🗌

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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	Please see Drax Environmental Permit VP3530LS
LCPs under NERP	LCPs with ELVs

L

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

Yes 🖌

Document reference number

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