

Application for an environmental permit Part A – About you



You will need to fill in this part A if you are applying for a new permit, applying to change an existing permit or surrender your 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.

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

The form can be:

About war

- 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.

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 4 of F1 or F3 and enclose a letter telling us that you have told the Secretary of State. We will not include the information in the public register unless directed otherwise.

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 with the application form when you've completed it.

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
- B How to contact us

1 About you	
Are you applying as an individual, an organisation of individuals (for Liability Partnerships) or a public body?	example, a partnership), a company (this includes Limited
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	
Last name	
Date of birth (DD/MM/YYYY)	
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.	

EPA Version 11, April 2018 page 1 of 6

3 Applications from an organisation of individuals,	continued
Contact name	
Title (Mr, Mrs, Miss and so on)	
First name	
Last name	
Date of birth (DD/MM/YYYY)	
Now go to section 6	
4 Applications from public bodies	
4a Type of public body For example, NHS trust, local authority, English county council	
4b Name of the public body	
4c Please give us the following details of the executive An officer of the public body authorised to sign on your behalf	
Name	
Title (Mr, Mrs, Miss and so on)	
First name	
Last name	
Position	
Now go to section 6	
5 Applications from companies or corporate bodies	
5a Name of the company	VIRIDOR WASTE MANAGEMENT LIMITED
5b Company registration number	00575069
Date of registration (DD/MM/YYYY)	03/12/1956
If you are applying as a corporate organisation that is not a limited of the reference you have given the document containing this evidence	
Document reference Now go to section 6	
5c Please give details of the directors If relevant, provide details of other directors on a separate sheet and	d tell us the reference you have given this sheet.
Document reference	List of Directors
Details of directors	
Title (Mr, Mrs, Miss and so on)	
First name	
Last name	
Date of birth (DD/MM/YYYY)	

EPA Version 11, April 2018 page 2 of 6

6 Your address

Now go to section 7

Your main (registered office) address For companies this is the address on record at Companies House. Contact name Title (Mr, Mrs, Miss and so on) First name Last name Peninsula House Address Rydon Lane Exeter Devon EX2 7HR Postcode Contact numbers, including the area code Phone Fax Mobile **Email** 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. 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**

EPA Version 11, April 2018 page 3 of 6

7 Contact details

7a Who can we contact about your application?	
This can be someone acting as a consultant or an 'agent' fo	oryou.
Contact name	
Title (Mr, Mrs, Miss and so on)	
First name	Lisa
Last name	Edmonds
Address	Viridor House
	Priory Bridge Road
	Taunton
	Somerset
Postcode	TA1 1AP
Contact numbers, including the area code	
Phone	01823 728 856
Fax	
Mobile	07736 374 031
Email	ledmonds@viridor.co.uk
7b Who can we contact about your operation (if di	fferent from question 7a)?
Contact name	•
Title (Mr, Mrs, Miss and so on)	
First name	as above
Last name	
Address	
Postcode	
Contact numbers, including the area code	
Phone	
Fax	
Mobile	
Email	
Liliait	

EPA Version 11, April 2018 page 4 of 6

7 Contact details, continued	
7c Who can we contact about your billing or invoice?	
As in question 7a	
As in question 7b	
Please give details below if different from question 7a or 7b.	
Contact name	
Title (Mr, Mrs, Miss and so on)	
First name	Accounts Department
Last name	_Viridor Ltd
Address	Viridor House
	Priory Bridge Road
	Taunton
	Somerset
Postcode	TA1 1AP
Contact numbers, including the area code	
Phone	01823 721 400
Fax	
Mobile	
Email	

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.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, or you would like us to review a decision we have made, please let us know. More information on how to do this is available at: www.gov.uk/government/organisations/environment-agency/about/complaints-procedure

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.

EPA Version 11, April 2018 page 5 of 6

	.1	L .	_ 1	١.
Fee	a	กล	C	К

(You don't have to answer this part of the form, but it	rill help us improve our forms if you do.)	
We want to make our forms easy to fill in and our guid comments you may have about this form or the guida	nce notes easy to understand. Please use the space below to give us any ce notes that came with it.	y
How long did it take you to fill in this form?		
We will use your feedback to improve our forms and g	idance 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
	f

EPA Version 11, April 2018 page 6 of 6



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



Fill in this part of the form, together with parts A and F1 if you are applying to vary (change) the conditions or any other part of the permit.

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.

The form can be:

- 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 one hour to fill in this part of the application form.

Contents

- 1 About the permit you wish to vary
- 2 Emissions to air
- 3 MCP/SG Emissions Monitoring
- 4 Supporting information
- 5 How to contact us

Appendix 1 – Specific questions for the MCP/SG

1 About the permit you wish to vary

1a Discussions before your application

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

Docı	ument reference	
1b	What is the number of the permit you wish to vary?	
1 c	Site details	
Wha	t is the name, address and postcode of the site?	
Site	name	
Addı	ress	
Post	code	

EPC2.5 Version 1, August 2019 page 1 of 7

1 About the permit you wish to vary, continued

1d Listed activities

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

Table 1 – with example

Listed activities						
Installation/regulated facility or site name	Schedule-1 (or other) or Schedule 25A/25B references	Description of the activity (see note 2)	Activity capacity (see note 3)	Description of existing activity	Description of proposed change	Document reference of proposed changes
	(see note 1)					
Peter's Crisps	6.8A(1)(d)(ii)	Producing fruit & vegetables	350 tonnes/day	Food and Drink manufacturing unit	Addition of new Medium Combustion Plant	Ref: MCP-1
Directly associated activities	es (see note 4)					
Name of DAA		Description of the DAA (identify	ring the schedule-1 a	ctivity or activities it serves)		
For installations that take w	vaste	Total storage capacity (see note	e 5)			
		Annual throughput (tonnes eac	h year)			

EPC2.5 Version 1, August 2019 page 2 of 7

1 About the permit you wish to vary, continued

Notes

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

5	By 'total storage capacity', we mean the n	naximum amount o	f waste (in tonnes) you st	ore on the site at any one	time.	
1e	e Type of variation					
Tick	the box to tell us which type of variation	n you are applying	for:			
Mir	nor technical					
noN	mal variation					
Sub	ostantial					
	initions of these terms are available via: dance/environmental-permitting-charge		uk/government/publica	tions/environmental-pe	rmitting-charges-	
1f	Changes to existing activities					
Pro	vide a brief summary of the changes you	are proposing to	make in the space below	V		
Tal	Emissions to air in Table 2 with details of the emissions t ble 2 – Emissions	hat will result from	the changes you are pro	oposing to make to your	existing activities.	
	stallation or Regulated Facility name					
Po	pint-source emissions to air resulting from	proposed change				
	nission-point reference and location IGR/Latitude & Longitude)	Source	Parameter	Concentration	Units	
2a No Yes	Is your permit variation applicat You need to review the BAT assess storage facilities If this is the case provide the doc	ssment for your ne	w installation including	the additional MCP/SG	and any associated fue	l

EPC2.5 Version 1, August 2019 page 3 of 7

2 Emissions to air, continued

com			it variation application for a new activity ts with a total aggregated thermal input	or substantially refurbished activity for medium of 20MW thermalor more?
No Yes		Environm (2012/27 permits#	ental Permitting Regulations which implement 17/EU) (see www.gov.uk/guidance/energy-efficie	ICP also meets the requirements of Schedule 24 of the che relevant requirements of the Energy Efficiency Directive ency-standards-for-industrial-plants-to-get-environmental-ally-refurbished-combustion-plants) or provide an explanation of
2c	Per	mit varia	tion application for a new MCP	
Is yo No Yes		it greater t	han or equalto 20MW thermal?	
Is yo No Yes	urun 	it one that	burns waste biomass as described in Article 3(18)(b) of the Medium Combustion Plant Directive?
lf yoı Part	u hav B act	e answered ivity as set	d Yes to either or both of these questions you shout below:	nould confirm whether the MCP falls under the description of an EPR
Do a No Yes	ny of	the MCPs o	on site meet the criteria of a Schedule 1, Part 2,	Chapter 1, section 1.1 Part B activity?
Do a No Yes	ny of	the MCPs o	on site meet the criteria of a Schedule 1, Part 2,	Chapter 5, section 5.1 Part B activity?
relev	ant E		ntal Permitting technical guidance note (see http	st complete a Best Available Techniques assessment in line with the os://www.gov.uk/guidance/part-b-activities-combustion-and-
lf thi	is is th	ne case pro	ovide the document reference number	
2d	Hab	itats scr	eening for MCP and/or SG	
			within the screening distance for your new plan nis work will be submitted in a supporting docu	tthen you need to complete an H1 assessment and possibly air ment.
lf thi	is is th	ne case pro	ovide the document reference number	
2e No Yes	Doe □	es your ap	oplication refer to an existing Mining Wa	ste activity?
2e1 No Yes		You must the opera mining-w	submit an amended Waste Management Plan (w you currently use or dispose of your waste gas? (WMP) which covers the changes in your permitted activity to reflect ne guidance https://www.gov.uk/government/publications/
2f	ls v	our nerm	it variation application for a SG where a	unit is greaterthan or equal to 20MW thermal?
No Yes		-	ld confirm whether it falls under the description You must complete a Best Available Technique	
			reference number	1

EPC2.5 Version 1, August 2019 page 4 of 7

2 Emissions to air, continued

2g env No		you applying for an SG permit that <u>does not</u> require dispersion modelling to assess the risk to the ment from proposed emissions to air?
Yes		Please provide a completed copy of the Environment Agency's new 'Specified Generator Tranche B screening tool' to support your decision. This is available via https://www.gov.uk/guidance/specified-generators-dispersion-modelling-assessment
2h fror		you applying for an SG permit that <u>requires</u> dispersion modelling to assess the risk to the environment ur proposed emissions to air?
No Yes		Please refer to 'Guidance on dispersion modelling for oxides of nitrogen assessment from specified generators' available via https://www.gov.uk/government/collections/medium-combustion-plant-and-specified-generator-regulations Please also submit a copy of your completed modelling report and modelling input files to us in support of your application
		If you have used the Environment Agency's new 'Specified Generator Tranche B screening tool' (available via https://www.gov.uk/guidance/specified-generators-dispersion-modelling-assessment) to help make your decision please also supply a completed copy of this tool with your application.
		Where you wish to use a different methodology to assess the environmental impact, that methodology must address the same issues to an equivalent level of detail. The purpose of the environmental risk assessment is to demonstrate that the impacts of your proposals will be acceptable.
2i	Info	ormation for MCP/SG
		complete this section for all applications.
		the checklist(s) in Appendix 1 for the MCP/SG which are the purpose of this permit variation application. This is additional to nation you may provide in the following sections of this application form.
		riation relates to a combustion plant that is both a new Medium Combustion Plant and a Specified Generator then you need to both checklists in Appendix 1.
3	MC	CP/SG Emissions Monitoring
http		ils of the emissions monitoring you will undertake regarding the operation of your new MCP/SG. See M5 reference via ww.gov.uk/government/publications/m5-monitoring-of-stack-gas-emissions-from-medium-combustion-plants-and-specified- s
4	Su	pporting information
4a	Pro	vide a non-technical summary of your application to vary your existing permit
deta and	iled o contr	on-technical summary that explains your application in non-technical language as much as possible avoiding technical terms, data and scientific discussion. It should include a summary of the regulated facility, a summary of the key technical standards ol measures arising from your risk assessment and how the subject of your application fits with the existing permitted of your application is for mobile plant describe the mobility of your plant and how you intend to operate.
Doc	umen	t reference of the summary

EPC2.5 Version 1, August 2019 page 5 of 7

4 Supporting information, continued

4b	ls t	Is the boundary of your existing site being extended to accommodate the addition of a MCP/SG?				
No		Submit a copy of the existing site plan showing the location of the new plant				
Yes		Submit an amended site plan to show the new boundary and where the new plant will be located. If your existing permit relates to an EPR Installation or Waste Operation, also submit an updated site condition report to include the land enclosed by the boundary extension. (See section 5 of the guidance note 'C2' available via https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/783854/Form-guidance-Part_C2-vary-a-bespoke-permit.pdf)				
		Document reference or references of the plans and Site Condition Report				

5 How to contact us

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

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

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

Email: enquiries@environment-agency.gov.uk

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

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

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

EPC2.5 Version 1, August 2019 page 6 of 7

Appendix 1 - Specific questions for the MCP/SG

Medium Combustion Plant checklist

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

MCP Site specific identifier*				
Grid reference of the location of the MCP (either NGR or Latitude/Longitude)	Easting	Northing	Latitude	Longitude
Rated thermal input (MW) of the MCP				
Type of MCP (e.g. boiler)				
Type of fuels used: gas oil (diesel), natural gas, gaseous fuels other than natural gas				
Date when the new MCP was first put into operation				
Sector of activity of the MCP or the facility in which it is applied (NACE code**)				
Expected number of annual operating hours of the MCP				
Average load in use (%)				
Where the option of exemption under Article 6(8) is used, a declaration signed here by the operator (as identified on Form A) that the MCP will not be operated more than the number of hours referred to in this paragraph				
Stack height (m)				
Distance to nearest human receptor (m)				
Distance to nearest ecological receptor (m)				

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

Generator checklist

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

Specific identifier*				
Rated thermal input of generator in MW thermal				
Total rated thermal input of all generators on site in MW thermal				
Grid reference of the location of the SG	Easting	Northing	Latitude	Longitude
(either NGR or Latitude/Longitude)				
Commissioning date (MM/YYYY)				
Fuel				
Technology (engine/turbine)				
Annual hours				
Annual load (%)				
Distance to nearest human receptor (m)				
Distance to nearest ecological receptor (m)				
Background NO ₂ (μg/m³)				
If your generator is in an AQMA please give details				

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

EPC2.5 Version 1, August 2019 page 7 of 7

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

^{**} NACE code – means Nomenclature of Economic Activities and is the European statistical classification of economic activities, see http://www.export.gov.il/files/EEN/ListNACEcodes.pdf.

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



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).

Waste operation changing to installation or vice versa?

If your changes mean that a waste operation becomes an installation (or vice versa) you also need to fill in either part C3 (waste to installation) or part C4 (installation to waste).

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.

The form can be:

- 1 Saved onto a computer and then filled in. Please note that the form follows a logic that means questions will open or stay closed depending on a previous answer. So you may not be able to enter text in some boxes.
- 2 Printed off and filled in by hand. Please write clearly in the answer spaces.

It will take less than two hours to fill in this 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 Discussions before your application

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

tell as below the reference you have given the accument.	
Permit or document reference number	
1b Permit number What is the permit number that this application relates to?	EPR/VP3039SW
1c Site details What is the name, address and postcode of the site? Site name	Beddington Farmlands Landfill Site
Address	105 Beddington Lane
	Croydon
	Surrey
Postcode	CR0 4TD
2 About your proposed changes	
2a Type of variation	
What type of variation are you applying for? (Please tick)	
Minor technical	
Normal variation	
Substantial	▽

EPC2 Version 12, July 2018 page 1 of 9

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.

strippir		e of five currently operating on site; the installation of a methane eval of a gas monitoring point; the construction of a waste recovery the permit.
	able 1 with details of all the proposed changes to current a ce for the proposed changes and send them to us with you	ctivities. In the final column of the table, give us the document
Fill in a	, ,	add. Use a separate sheet if you have a long list and send it to us
	ent reference	Table 1 - Changes to existing activities"
	y need to fill in one table for your mining waste operations	
	onsolidating (combining) or updating existing perm	
	proposed change is to modernise (update) your permit, no	
, ,	proposed change is to consolidate (combine) a number of p	
Note: Ir		ou about, for example, your management system. Therefore we
2c1 D	o you want to have a modern style permit?	
No 🗌		
Yes 🗌		
2c2 ld	lentify all the permits you want to consolidate (combine) b	y listing the permit numbers in Table 2 below.
Table 2	2 – Permit numbers	
2d Ti	reating batteries	
Are you	proposing to treat batteries?	
No ✓		
Yes 🗌	Tell us how you will do this and send us a copy of your ex	planation
	Document reference for the explanation	
2e S	hip recycling	
	activity covered by the Ship Recycling Regulations 2015? (See the guidance notes on part C2.)
Yes 🗌	Tell us how you will do this. Please send us a copy of you reference numbers you have given these documents.	r explanation and your facility recycling plan, and tell us below the
	Document reference for the explanation	
	Document reference for the facility recycling plan	
Is this a	a renewal of an existing authorisation covered by the Ship	Recycling Regulations 2015?
No ✓	a remember of an existing data offsation covered by the Ship	necycling negatations 2013.
Yes 🗌	Tell us the expiry date of your existing authorisation (DD/MM/YYYY)	

EPC2 Version 12, July 2018 page 2 of 9

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							
See "Table 1 - Cha	inges to existing a	ctivities"					

EPC2 Version 12, July 2018 page 3 of 9

2 About your proposed changes, continued 2f 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. \Box Now go to section 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 (combine) 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.

	elevant offences (installations and waste operations o	•				
No ✓	Now go to question 3b					
Yes 🗌	Please give details below					
	Name of the relevant person					
	Title (Mr, Mrs, Miss and so on)					
	First name	L				
	Last name					
	Date of birth (DD/MM/YYYY)					
	Position at the time of the offence	L				
	Name of the court	L				
	Date of the conviction (DD/MM/YYYY)					
	Offence and penalty set	L				
	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.	L				
	Now go to question 3b					

Technical ability (specified waste management activities and waste operations only – see the guidance notes on part C2)

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

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

page 4 of 9 EPC2 Version 12, July 2018

3 Your ability as an operator, continued

CIWM/WAMITAB	scheme		
Please select one of	the following:		
I have enclosed	a copy of:		
 the relevan 	t qualification certificate/s		
or			
 evidence of 	deemed competence		
or			
 Environmer 	nt Agency assessment		
or			
	fnominated manager status under the transitio		
and, if deemed over two years o		vidence of a nominated manager, or if the origin	al qualification is
I have enclosed	a copy of the relevant current continuing comp	etence certificate/s	
	competent manager please give the following i elow the document reference you have given th	information. If necessary, use a separate sheet are extra sheet:	to give us these
Title (Mr, Mrs, Miss	and so on)		
First name		No Change to technically competent manag	ement
Last name			
Date of birth (DD/MI	M/YYYY)		
Phone			
Mobile			
Email			
	environmental permit number/s and site addres	ss for all other waste activities that the propose	d technically
	r provides technical competence for, including p		a teerimeatty
Permit number	Site address		Postcode
			<u> </u>
Document reference			
Now go to question	3c		
3c Finances (ins	stallations, waste operations and mining v	waste operations – see the guidance notes	s on part C2)
		hat is false or misleading to help you get an en	
Regulations 2016.	or anyone else), you may be committing an off	ence under the Environmental Permitting (Engla	and and Wales)
•	ant person or a company in which you were a re	levant person have current or past bankruptcy o	or insolvency
proceedings agains		.ora poloci. navo cancon or pace za ini aproy	,
No 🗸			
		p costs (including infrastructure), maintenance	and clean up costs
for the proposed fac	ility against which a credit check may be asses	sed.	

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

EPC2 Version 12, July 2018 page 5 of 9

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 financially capable of meeting the obligations of closure and afterca	
Bonds	
Escrow account	
Trust fund	
Lump sum	
Other	
Provide a plan of your estimated expenditure on each phase of the la	- · · · · · · · · · · · · · · · · · · ·
Give the document plan reference number	Revised financial provision spreadsheet attached
Now go to question 3d	
3d Management systems	
You must have an effective, written management system in place the by using a certified scheme or your own system.	at identifies and reduces the risk of pollution. You may show this
Your permit requires you (as the operator) to ensure that you management system. You can find guidance on management system environment-agency.	e and operate your activities in accordance with a written as on our website at www.gov.uk/government/organisations/
You can find guidance on management systems on our website at w	ww.gov.uk/government/organisations/environment-agency.
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	<i>i</i> ?
EC Eco-Management and Audit Scheme (EMAS)	
EMAS Easy	
ISO 14001	abla
BS 8555 (Phases 1–5)	
Acorn	
Green Dragon	
Own management system	
Please make sure you send us a summary of your management syste	
Document reference or references for this summary	Current EMS continues to apply
4 Consultation (fill in 4a to 4c for installations and w	vaste operations and 4d for installations only)
Could the waste operation or installation involve releasing a	ny substance into any of the following?
4a A sewer managed by a sewerage undertaker?	
No 🗆	Theorem Makes
Yes ✓ Please name the sewerage undertaker	Thames Water
4b A harbour managed by a harbour authority?	
No ✓	
Yes Please name the harbour authority	
4c Directly into relevant territorial waters or coastal waters committee?	s within the sea fisheries district of a local fisheries
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 □	

EPC2 Version 12, July 2018 page 6 of 9

Regulations 2015, or a safety report is needed under regulation 7 of those regulations?

Consultation (fill in 4a to 4c for installations and waste operations and 4d for installations only), continued a policy document for preventing major accidents is needed under regulation 5 of the Control of Major Accident Hazards

No ☑ Yes □	
5 Supporting information	
5a Provide a plan or plans for the site (see the guidance Document plan reference or references	notes on part C2 for what needs to be marked on the plan)
See attached layout plan BTN178 001	
5b Do any of the variations you plan to make need extra No ✓	land to be included in the permit?
Yes \square Please provide a site report for the extra land.	
Document report reference or references	
5c Provide a non-technical summary of your application Document reference	Non-Technical Summary
 5d Are you applying for an activity that includes the stor This applies to all activities excluding standalone water and ground Yes □ Provide a fire prevention plan (see the guidance notes on your pre-application discussions. No □ 	_
5e Adding an installation	
If you are applying to add an installation, tick the box to confirm that you have sent in a baseline report and provide a reference.	V
	See "Site Condition Report"
Document reference of the report	oss site sometiment report
6 Environmental risk assessment (if you need one	- see the guidance notes on part C2)
Provide an assessment of the risks each of your proposed activities methodology set out in 'Risk assessments for your environmental your-environmental-permit or an equivalent method.	permit' at https://www.gov.uk/guidance/risk-assessments-for-
Document reference of the assessment	See "Amenity and Accident Risk Assessment" and AQMA
7 How to contact us	
If you need help filling in this form, please contact the person who	
General enquiries: 03708 506 506 (Monday to Friday, 8am to 6pm	y
Textphone: 03702 422 549 (Monday to Friday, 8am to 6pm)	
Email: enquiries@environment-agency.gov.uk Website: www.gov.uk/government/organisations/environment-agency.gov.uk	rency
	tify good practice and encourages our staff. If you're not happy with

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.

EPC2 Version 12, July 2018 page 7 of 9

_							
H	Р	ρ	d	h	а	C	k

(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?	1			
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 19110 Clarity approved by Plain English Campaign

F F	
For Environment Agency use only	
Date received (DD/MM/YYYY)	Payment received?
	No 🗆
Our reference number	Yes Amount received
	. f 1

EPC2 Version 12, July 2018 page 8 of 9

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

Installation reference				
Condition	Response			Do you meet this?
A – Management techniques	Provide references to show how your application meets A.			Yes
	References			- No □
B – Aqueous waste	Effluent created m³/day		Yes No	
C – Abatement systems	Provide references to show how your application meets C.			Yes
	References			No □
D – Groundwater	Do you plan to release any substances or non-hazard the ground?		Yes □ No □	Yes No
E – Producing waste	Hazardous waste		Tonnes per year	Yes 🗌
	Non-hazardous waste Tonnes per year		No 🗌	
F – Using energy	Peak energy consumption		MW	Yes No
G – Preventing accidents	Do you have appropriate r spills and major releases to comply'.)	Yes No		
	Provide references to show how your application meets G.			
	References			
H – Noise	Provide references to show how your application meets H.			Yes 🗌
	References			No ∐
I – Emissions of polluting substances	Provide references to show how your application meets I.			Yes
	References No			NO L
J – Odours	Provide references to show how your application meets J.			Yes 🗆
	References No			NO L
K – History of keeping to the regulations	Say here whether you have been involved in any enforcement action as described in Compliance History Appendix 1 explanatory notes.			

EPC2 Version 12, July 2018 page 9 of 9



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.

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.

Contents

- 1 What activities are you applying to vary?
- 2 Emissions to air, water and land
- 3 Operating techniques
- 4 Monitoring
- 5 Environmental impact assessment
- 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

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 non-hazardous waste recovery and disposal sector

Appendix 6 – Specific questions for the waste incineration sector

Appendix 7 - Specific questions for the landfill sector

1 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.

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

EPC3 Version 10, July 2018 page 1 of 18

Table 1a – Types of activities

Schedule 1 listed activitie	S					
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-hazardous 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
Landfill Gas Engines	N/A	Medium Combustion Plant and Specified Generator	12.15MWth	R1 - use principally as fuel to generate energy.		
Beddington Landfill	5.2 A(1) (a)	Construction of a inactive waste recovery cell	458,000m3	R5, R10		
Methane Stripping Plant	5.4 A(1) (a) (ii)	Leachate treatment prior to discharge to sewer	36,500m3	D8		36,500 m3
Directly associated activit	ies (See note 4)					
Name of DAA	Name of DAA Description of the DAA (please identify the schedule 1 activity it serves)					
Add extra rows if you need them						
For installations that take	waste	Total storage capacity (See	note 5 below)			
	Annual throughput (tonnes each year)					

EPC3 Version 10, July 2018 page 2 of 18

1 What activities are you applying to vary?, continued

Notes

- 1 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 (search for 'Technical guidance on how to assess and classify waste' at www.gov.uk/environment-agency).

. 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

Beddington Waste List for Recovery Area

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

Waste code	Description of waste
Example 02 01 08* 06 01 02*	Example Agrochemical waste containing hazardous substances 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				
Point source emissions to air				
Emission point reference and location	Source	Parameter	Quantity	Unit
LGE2/ VIR 008 to be replaced otherwise				
no change in emissions to air				

EPC3 Version 10, July 2018 page 3 of 18

2 Emissions to air, water and land, continued

Table 2 - Emissions, continued

wers)			
Source	Parameter	Quantity	Unit
tment plants or ot	her transfers off site		
Source	Parameter	Quantity	Unit
MSP	Treated Leachate	36,500.00	m3
			1
Source	Parameter	Quantity	Unit
	stment plants or ot Source MSP	Source Parameter Itment plants or other transfers off site Source Parameter MSP Treated Leachate	Source Parameter Quantity Itment plants or other transfers off site Source Parameter Quantity MSP Treated Leachate 36,500.00

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 your risk assessment (search for 'Risk assessment for your environmental permit' at www.gov.uk/environment-agency) 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.

EPC3 Version 10, July 2018 page 4 of 18

3 Operating techniques, continued

Table 3 - Technical standards

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

Installation name	Landfill and Associated DAAs	
Description of the schedule 1 activity or directly associated activity	Relevant technical guidance or best available techniques as described in BAT conclusions under IED (see footnote below)	Document reference (if appropriate)
Leachate Treatment	IPPC S5.03 - Treatment of Landfill Leachate	BAT Assessment
Inactive Waste Restoration Cell	LFE 4	Inactive Waste Cell Restoration
		Plan
Landfill	LFTGN 02 LFTGN 03	ESID and EMS as amended by
	Waste Acceptance at Landfills	the Restoration Plan and
		ODMP Addendum
*Directive 2010/75/EU of the European Parliament a pollution prevention and control)	nd of the Council of 24 November 2010 on indu	strial emissions (integrated
If appropriate, use block diagrams to help describe t	he operation and process. Provide the reference	es for the description.
Document reference for the diagram or description		

3a1 Does your permit (in Table 1.2 Operating Techniques or s	similar table in the permit) nave references to any of you
own documents or parts of documents submitted as part of a	previous application for this site?

Nο	Go	to 3h

Yes 🗸

Tell us in a separate document what document references are no longer valid or have been superseded and why.

Tell us below the reference number you have given the document and send it in with your application.

_	
Document reference	
2 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

3b General requirements

Fill in a separate Table 4 for each installation.

Table 4 – General requirements

Name of the installation	
If the TGN 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 current management techniques remain valid
Where the TGN or your risk assessment shows that odours are an important issue, send us your odour management plan	Document reference or references current management techniques remain valid
If the TGN 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 current management techniques remain valid

Search for 'Risk assessment for your environmental permit' at www.gov.uk/environment-agency.

EPC3 Version 10, July 2018 page 5 of 18

3 Operating techniques, continued

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 Capacity (See note 1 below)		See "Raw Materials" for information		
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.

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	

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
Hazardous 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

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.

Document reference

See Non Technical Summary and ODMP Addendum

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 (search for 'M1 sampling requirements for stack emission monitoring' at www.gov.uk/environment-agency).

Document reference of the assessment

EPC3 Version 10, July 2018 page 6 of 18

5 **Environmental impact assessment**

	Have your proposals been the subject of an environmen 37/EEC of 27 June 1985 [Environmental Impact Assessn	
No 🔽	•	•
Yes 🗌	 Please provide a copy of the environmental statement and, a copy of the planning permission; and the committee report and decision on the EIA. Document reference for the copy 	if the procedure has been completed:
6 I	Resource efficiency and climate change	
If the s	site is a landfill, you only need to fill in this section if the applic	cation includes landfill gas engines.
6a I	Describe the basic measures for improving how energy	efficient your activities are
Docun	nent reference for the description	See BAT Assessment
6b I	Provide a breakdown of any changes to the energy you	r activities use up and create
Docun	nent reference for the description	See BAT Assessment
No ✓ Yes □	Document reference for the description 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	energy efficiency.
6d I	Explain and justify the raw and other materials, other s	•
Docun	nent reference of the justification	See "Raw Materials"
lf you dispos	se of it while avoiding or reducing any effect it has on the envi	and financially impossible to recover the waste, describe how you
Docun	nent reference of the description	See DAT Assessment
If you	How to contact us need help filling in this form, please contact the person who s	ent 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.gov.uk/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.

page 7 of 18 EPC3 Version 10, July 2018

_		
Feed	lha	ماء
геес	มมส	L.K

(You don't have to answer this part of the form, but it v	ill 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 gu	idance notes, and to tell the Government how regulat	ions could be		
made simpler.				
Would you like a reply to your feedback?				
Yes please				
No thank you				

Crystal Mark 19111	
Clarity approv	h Campaign

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

EPC3 Version 10, July 2018 page 8 of 18

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	Covered by MCPD - See	form B2.5	
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

Document reference

- 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.

_	 	 _	_	

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.

Fuel use and analysis					
Installation reference	Covered by MCPD - See form B2.5				
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				

EPC3 Version 10, July 2018 page 9 of 18

Appendix 1 – Specific questions for the combustion sector, continued

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

Fill in a separate table for each installation.

'	
Installation reference	
Fuel	NOx factor (kgt ⁻¹)
Fuel 1	
Fuel 2	
Fuel 3	
Fuel 4	
Note: kgt ⁻¹ means kilograms of nitrogen oxides released for each	tonne of fuel burned.
4 Will your combustion plant be subject to Chapter III of Government Guidance) No ☑ Now fill in part F Yes □	of the Industrial Emissions Directive 2010/75/EU? (see
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)?	
a new-new plant (a plant for which an application was made on or after 27 November 2002)?	
	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	
Type of plant	Number within installation
Existing	
New	
New-new	
Gas turbine (group A)	
Gas turbine (group B)	
7 If you run an existing plant, have you submitted a decof Chapter III of the Industrial Emissions Directive? No Now go to section 9 Yes Have you subsequently withdrawn your declaration? No Yes Yes	claration for the 'limited life derogation' set out in Article 33

EPC3 Version 10, July 2018 page 10 of 18

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

Installation reference	
LCPs under NERP	LCPs with ELVs
10 Do you meet the monitoring requirements of Chapter	er III of the Industrial Emissions Directive?
Yes □ Document reference number	
11a Are you substantially refurbishing an existing insta Energy Efficiency Directive?	llation according to the meaning given in Article 14 of the
No 🗆	
Yes Please go to question 11b	
11b Have you carried out a cost-benefit assessment (CE power) or district heating under Article 14 of the Energy	BA) of opportunities for cogeneration (combined heat and Efficiency Directive?
No Please provide supporting evidence of why a CBA is no	t required (for example, an agreement from us)
Document reference number of this evidence	
Yes Please submit a copy of your CBA	
Document reference number of the CRA	

EPC3 Version 10, July 2018 page 11 of 18

Appendix 2 - Specific questions for the chemical sector

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); additional

guidance 'The production of large volume organic chemicals' ('Inorganic chemicals sector' (EPR 4.03); and best available tec	(EPR 4.01); 'Speciality organic chemicals sector' (EPR 4.02); chniques reference documents (BREFs) for the chemical sector.
Document reference	
If you are applying for a multi-purpose plant, do you h changes? No Provide a copy of your protocol to accompany this applica	
Document reference	
Does Chapter V of the Industrial Emissions Directive (INO ☐ Yes ☐ Fill in the following	
3a List the activities which are controlled under the	ne IED
Installation reference	
Activities	
3b Describe how the list of activities in question 3	3a above meets the requirements of the IED
Document reference	
Appendix 3 – Specific questions for the intensive far	ming sector
For each type of livestock, tell us the number of anima	
Installation reference	
Type of livestock	Number of places
2 Is manure or slurry exported from the site? No Yes Solution 3 Is manure or slurry spread on the site? No Yes Yes	

page 12 of 18 EPC3 Version 10, July 2018

Appendix 4 - Specific questions for the clinical waste sector

If you are applying for an activity covered by the Chapter IV of the Industrial Emissions Directive and wish to accept clinical waste you should fill in questions 1, 2 and 3 of this appendix.

Note: If your procedures are fully in line with the standards set out in 'Technical guidance for managing clinical waste' (EPR 5.07) then you should tick the 'yes' box and provide the procedure reference from EPR 5.07. There is no need for you to supply a copy of the procedure.

	are pre-acceptance procedures in place that are fully in 5.07 and which are used to assess a waste enquiry be	line with the appropriate measures set out in section 2.2 fore it is accepted at the installation?
No 🗆	Provide justification for departure from EPR 5.07 and submit	a copy of your procedures
	Document reference	
Yes 🗌	EPR 5.07 procedure reference	
2.2 of rejecti	re waste acceptance procedures in place that are fully EPR 5.07, and which are used to cover issues such as long waste, and keeping records to track waste? Provide justification for departure from EPR 5.07 and submit	
	Document reference	
Yes 🗌	EPR 5.07 procedure reference	
appro	are waste storage, handling and dispatch procedures, a priate measures set out in section 3.2 of EPR 5.07? Provide justification for departure from EPR 5.07 and submit	,
	Document reference	
Yes 🗌	EPR 5.07 procedure reference	
EPR 5.		with the appropriate measures set out in section 3.3 of
	Document reference	
Yes 🗌	EPR 5.07 procedure reference	
acc	are you proposing to either cept an additional waste not included in Table 2.1 of section 2 ply a permitted activity to a waste other than that identified for	
Yes 🗌	Provide justification	
	Document reference	
	Please provide a summary description of the treatment the general principles set out in section 2.1.4 of EPR 5.	
Docum	ent reference for summary	
	lease provide layout plans detailing the location of each	th treatment plant and main plant items and process flow
Docum	ent reference	I

EPC3 Version 10, July 2018 page 13 of 18

Appendix 5 – Specific questions for the hazardous and non-hazardous waste recovery and disposal sector

Note: If your procedures are fully in line with the standards set out in 'Recovery and disposal of hazardous and non-hazardous waste' (SGN 5.06) then you should tick the 'yes' box and provide the procedure reference from SGN 5.06. There is no need for you to supply a copy of the procedure.

	re pre-acceptance procedures in place that are fully in f SGN 5.06, and which are used to assess a waste enq			
No 🗆	Provide justification for departure from SGN 5.06 and submit a copy of your procedures			
	Document reference			
Yes 🗸	SGN 5.06 procedure reference	Leachate is monitored on a regular basis		
2.1.2 o		in line with the appropriate measures set out in section s loads arriving and being inspected, sampling waste,		
No 🗸	Provide justification for departure from SGN 5.06 and submi	t a copy of your procedures		
	Document reference	Waste is accepted via Landfill & Transfer station drainage		
Yes 🗌	SGN 5.06 procedure reference			
	re waste storage procedures and infrastructure in plac section 2.1.3 of SGN 5.06?	e that are fully in line with the appropriate measures set		
No 🗆	Provide justification for departure from SGN 5.06 and submi	ubmit a copy of your procedures		
	Document reference			
Yes 🗸	SGN 5.06 procedure reference	see BAT assessment & ODMP addendum		
and sti		ation is based, the infrastructure in place (including areas ay be dangerous to store together) and capacity of waste		
Docum	ent reference	BD ETP 02 & BD ETP 03		
princip	rovide a summary of the treatment activities carried ou ples set out in section 2.1.4 of SGN 5.06 and the specifi priate of SGN 5.06	ic principles set out in sections 2.1.5 to 2.1.15 as		
Docume	ent reference for summary	see BAT assessment & ODMP addendum		
	rovide layout plans giving details of where each treatn is flow diagrams for the treatment plant	nent plant is based, the main items at each plant, and		
Docum	ent reference or references	BD ETP 03 and ODMP addendum		

EPC3 Version 10, July 2018 page 14 of 18

Form EPC: Application for an environmental permit - Part C3 varying a bespoke installation permit Appendix 6 – Specific questions for the waste incineration sector If you are proposing to accept clinical waste please also fill in questions 1, 2 and 3 of appendix 4 above. Do you run incineration plants as defined by Chapter IV of the Industrial Emissions Directive (IED)? No \(\subseteq \) You do not need to answer any other questions in this appendix Yes <a> IED applies Are you subject to IED as an incinerator or co-incinerator? As an incinerator As a co-incinerator Do any of the installations contain more than one incineration line? No ☐ Now go to section 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 \$5.01 'Incineration of waste: additional guidance' (under the sub heading 'European legislation and your application for an EP Permit'). You must answer questions 7 to 13 on the form below. 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 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 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 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 □ This allows 'abnormal operation' of the incineration plant under certain circumstances when the CEM for Yes 🗌 releases to air have failed. Annex VI, Part 3(2) sets maximum half hourly average release levels for particulates (150mg/m³), CO (normal ELV) and TOC (normal ELV) during abnormal operation. Describe the other system you use to show you keep to the requirements of Article 13(4) (for example, using another CEM, providing a portable CEM to insert if the main CEM fails, and so on).

EPC3 Version 10, July 2018 page 15 of 18

Appendix 6 – Specific questions for the waste incineration sector, continued

monitorir Under this level belov	you want to replace continuous HF emission monitoring with periodic hydrogen fluoride (HF) emission ng by relying on continuous hydrogen chloride (HCl) monitoring as allowed by IED Annex VI, Part 6 (2.3)? Is you do not have to continuously monitor emissions for hydrogen fluoride if you control hydrogen chloride and keep it to a with the HCl ELVs.
No 🗌	
Yes 🗌 Pl	lease give reasons for doing this
9 Do y	you want to replace continuous water vapour monitoring with pre-analysis drying of exhaust gas samples, as
. ,	by IED Annex VI, Part 6 (2.4)?
before the	you do not have to continuously monitor the amount of water vapour in the air released if the sampled exhaust gas is dried emissions are analysed.
No □ Yes □ Pl	lease give your reasons for doing this
monitorir Under this	you want to replace continuous hydrogen chloride (HCl) emission monitoring with periodic HCl emission ng, as allowed by IED Annex VI, Part 6 (2.5), first paragraph? Is you do not have to continuously monitor emissions for hydrogen chloride if you can prove that the emissions from this will never be higher than the ELVs allowed.
	lease give your reasons for doing this

EPC3 Version 10, July 2018 page 16 of 18

Appendix 6 – Specific questions for the waste incineration sector, continued

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 Do you want to replace continuous SO₂ emission monitoring with periodic sulphur dioxide (SO₂) 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 If your plant uses fluidised bed technology, do you want to apply for a derogation of the CO WID ELV to a maximum of 100 mg/m³ as an hourly average, as allowed by IED Annex VI, Part 3? No □ Does not apply □ Yes
Please give your reasons for doing this

EPC3 Version 10, July 2018 page 17 of 18

Appendix 6 – Specific questions for the waste incineration sector, continued

Ene	ergy Efficiency Directive?	
No		
Yes	☐ Please go to question 14b	
	wer) or district heating under Article 14 of the Energy Eff	•
Doc	cument reference number of this evidence	
Yes	☐ Please submit a copy of your CBA	
Doc	cument reference number of the CBA	
Ар	pendix 7 – Specific questions for the landfill secto	r
1	Provide your Environmental Setting and Installation D	esign (ESID) report
Doc	cument reference	No Change
2	Provide your hydrogeological risk assessment (HRA) f	or the site
Doc	cument reference	No Change
3	Provide your stability risk assessment (SRA) for the si	te
Doc	cument reference	No Change
4	Provide your landfill gas risk assessment (LFGRA) for	the site
Doc	cument reference	No Change
	have developed templates for these four reports which can be tos://www.gov.uk/government/collections/environmental-perm	
5	Provide your proposed plan for closing the site and yo	ur procedures for looking after the site once it has closed
Doc	cument reference	No Change

14a Are you substantially refurbishing an existing installation according to the meaning given in Article 14 of the

EPC3 Version 10, July 2018 page 18 of 18



Application for an environmental permit Part F1 – Charges and declarations



Fill in this part for all applications for installations, waste operations, mining waste operations, water discharges, point source groundwater discharges and groundwater discharges onto land. 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 came with it.

The form can be:

- 1 Saved onto a computer and then filled in. Please note that the form follows a logic that means questions will open or stay closed depending on a previous answer. So you may not be able to enter text in some boxes.
- 2 Printed off and filled in by hand. Please write clearly in the answer spaces.

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

Contents

- 1 Working out charges
- 2 Payment
- 3 The Data Protection Act 1998
- 4 Confidentiality and national security
- 5 Declaration
- 6 Application checklist
- 7 How to contact us
- 8 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 searching for 'Environment Agency charging scheme and guidance: environmental permits' at www.gov.uk/government/organisations/environment-agency.

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.

Table 1 Type of application (add number if more than one)

Installation	Waste	Mining waste	Water discharge/point source discharge to groundwater	Groundwater spreading onto land
non-hazardous landfill				

Table 2 Charge type (A)

Activity description	Activity reference	Percentage charge (see charges tables)				Amount		
		100	60	50	30	20	10	
S5.4 physico chemical treate	1.17.4	V						£ 16,001.00
deposit for recovery	1.17.9			✓				4,603.50
normal variation	1.17.2			V				5,694.00
Total A					£ 26,298.50			

EPF1 Version 10, April 2018 page 1 of 7

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

Table 3 Additional component charges (B)

Part 1.19 Cha	arges for plans and assessments		Tick appropriat		
Reference	Plan or assessment	Charge			
1.19.1	Waste recovery plan	£1,231			
1.19.2	Habitats assessment	£779	√		
1.19.3	Fire prevention plan	£1,241			
1.19.4	Pest management plan	£1,241			
1.19.5	Dust management plan	£1,241			
1.19.6	Odour management plan	£1,246			
1.19.7	Noise and vibration management plan	£1,246			
1.19.8	Ammonia emissions risk assessment	£620			
1.19.9	Dust and bio-aerosol management plan	£620			
	Advertising	£500	✓		
Total B		,	£ 1,279.00		
otal charges otal A plus to	tal P	£ 27,577.50			
Cheque Postal order Cash		☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐			
redit or debit	card	the application			
	nsfer (for example, BACS)	<u> </u>			
emittance nu		VP3039SWV007			
ate paid (DD		12/07/2019			
ow to pay	,				
aying by che	que, postal order or cash				
heque detail	S				
heque made	payable to				
Cheque number		27 577 50			
mount	£	27,577.50			
it is not alrea	ake cheques or postal orders payable to 'Environmer ady printed on.		·		
lease write th /e will not ac	ne name of your company and application reference cept cheques with a future date on them.	number on the back of your ch	neque or postal order.		
	ommend sending cash through the post. If you cann				
iciose your a	application reference details. Please tick the box belo	ow to commin you are enclosin	ig casii.		

Paying by credit or debit card

I have enclosed cash with my application

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.

EPF1 Version 10, April 2018 page 2 of 7

2 Payment, continued

Please call me to arrange payment by debit or debit card

I have enclosed form CC1 with my application

Paying by electronic transfer BACS reference

If you choose to pay by electronic transfer you will need to use the following information to make your payment.

Company name Environment Agency

Company address SSCL (Environment Agency), PO Box 797, Newport Gwent, NP10 8FZ

Bank RBS/NatWest

Address London Corporate Service Centre, CPB Services, 2nd Floor, 280 Bishopsgate, London EC2M 4RB

Sort code 60-70-80

Account number 10014411

Account name EA RECEIPTS

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 ea fsc ar@sscl.gse.gov.uk.

If you are making your payment from outside the United Kingdom, it must be in sterling. Our IBAN number is GB23NWK60708010014411 and our SWIFTBIC number is NWBKGB2L.

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

Now read section 3 below.

3 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:

- offer you 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 4 below.

4 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 is	n my application as	confidential
Please freat the illioniation i	II IIIY application as (Joinnaennai _

EPF1 Version 10, April 2018 page 3 of 7

4 Confidentiality and national security, continued

National security

You can tell the Secretary of State 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 'Environmental permitting guidance: core guidance', published by Defra and available via our website at gov.uk.

You cannot apply for national security via this application.

Now go to section 5.

5 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 2010.

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. You must fill in the declaration directly below; the person receiving the permit must fill in the declaration under the heading 'For transfers only'.

Note: we will issue a letter to both current and new holders to confirm the transfer. If you are changing address we will need to send this letter to your new address; therefore please tell us your new address in a separate letter.

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 / (you do not have to provide a signature as well) Tick this box if you do not want us to use information from any ecological survey that you have supplied with your application (for further information please see the guidance notes on part F1) Name Ms Title (Mr, Mrs, Miss and so on) Lisa First name Edmonds Last name on behalf of (if relevant; for example, a company or organisation Viridor Waste Management Ltd and so on) Position (if relevant; for example, in a company or organisation Permitting Manager and so on) Today's date (DD/MM/YYYY)

For transfers only – declaration for person receiving the permit

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.

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.

EPF1 Version 10, April 2018 page 4 of 7

5	Declaration, continue	ed			
Tick this box to confirm that you understand and agree with the declaration above, then fill in the details below (you do not have to provide a signature as well)					
Nam	e				
Title	(Mr, Mrs, Miss and so on)				
First	name				
Last	name				
	ehalf of (if relevant; for exar so on)	nple, a company or organisation			
	tion (if relevant; for example so on)	e, in a company or organisation			
Toda	y's date (DD/MM/YYYY)				
Now	go to section 6				
6	Application checklist	(you must fill in this section	1)		
	ur application is not comple nit your application.	te we will return it to you. If you are	n't sure about w	hat you need to send, speak to us before you	
You	must do the following:				
	plete legibly all parts of this your activities	form that are relevant to you	abla		
	tify relevant supporting info h the application	ormation in the form and send	abla		
If nealso		ending in the table below. Trate sheet. This separate sheet Tumber and you should include	Z I		
		to the site plan, provide a plan in the guidance note on part F1			
	ide a supporting letter for a idential	ny claim that information is			
	he declaration completed b	y a relevant person			
•	an agent) I the correct fee		✓		
Jene	Tille correct ree	T	V		
Que	estion reference	Document title		Document reference	
		Waste Recovery Plan			
		Accident and Amenity Risk Asses	sment		
		ODMP addendum			
		Site Condition Report for MSP as	new listed		
		activity			
		Assessment of Best Available Ted	chniques for		
		MSP as new listed activity			
		Non-technical Summary			

EPF1 Version 10, April 2018 page 5 of 7

Air Quality Assessment

Odour Management Plan

Review of Financial Provision

Information for each MCP/SG

Raw Materials for MSP as new listed activity

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: 03702 422 549 (Monday to Friday, 8am to 6pm)

Email: enquiries@environment-agency.gov.uk

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

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

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

8 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:

For water discharges by email to PSC-WaterQuality@environment-agency.gov.uk

For waste and installations by email to PSC@environment-agency.gov.uk

Λr

Environment Agency Permitting and Support Centre Environmental Permitting Team 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) \Box

EPF1 Version 10, April 2018 page 6 of 7

Feedback

(You don't have to answer this part of the form, but it w	ill 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 omments 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 gu	idance 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 Forder and American and	
For Environment Agency use only	
Date received (DD/MM/YYYY)	Payment received?
	No □
Our reference number	Yes Amount received
	. f

EPF1 Version 10, April 2018 page 7 of 7