Form PPC1 Part C : Application for a variation		
FOR SEPA USE ONLY	Name Assigned to Installation	Application Reference

Use this part of the form if you are applying to vary the conditions or any other provision contained in your permit.



C1 About your proposed changes

Please fill in the installation table below with details of all the current activities and operators at the whole installation (even if your existing permit is in respect of only part of the installation) and the proposed changes.

In column 1 **Activities in the "stationary technical unit"** please identify all activities listed in Schedule 1 and Schedule 2 to the PPC Regulations that are proposed to be carried out in the "Stationary technical unit" of the installation.

For **directly associated activities** please identify any directly associated activities proposed to be carried out on the same site which:

- · Have a technical connection with the activities in the stationary technical unit,
- Could have an effect on pollution.

In **Column 2 Schedule 1 and Schedule 2 references**, please quote the Chapter number, Section number, Part A or B, then paragraph and sub-paragraph number as shown in Part 1 of Schedule 1 or Part 1 of Schedule 2 to the PPC Regulations for each activity listed in column 1.

In **Column 3 Operator**, write the name of the operator for each activity (if you are the operator yourself, write "Applicant"). In **Column 4 Variations**, indicate how the proposed changes would affect the activities.

C1.1 Installation table for new permit application

Column 1	Column 2	Column 3	Column 4
Activities in the 'Stationary Technic	cal Unit'	Schedule 1 or 2 refs	Operator Variations
Incineration of non-hazardous waste with the exception of waste which is biomass or animal carcasses in an incineration or co-incineration plant.	S5.1A (b)	Applicant	Parallel operations of the existing and the new facility

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Directly Associated Activities

Waste Storage at the EfW	Applicant	Parallel operations of the existing and the new facility
Waste Charging at the EfW	Applicant	Parallel operations of the existing and the new facility
Energy Generation at the EfW	Applicant	Parallel operations of the existing and the new facility
Flue Gas Treatment at the EfW	Applicant	Parallel operations of the existing and the new facility
Bottom Ash Management at the EfW	Applicant	Parallel operations of the existing and the new facility
Fly Ash Handling at the EfW	Applicant	Parallel operations of the existing and the new facility
Raw Materials Storage and Handling at the EfW	Applicant	Parallel operations of the existing and the new facility

The variations you are proposing

C1.2 Please provide a summary of the variations which you are applying for.

This should include:

- A description of the change in operation requiring the variation (if appropriate),
- An indication of the variations to the conditions of the permit that you wish us to make.

Reference number for the summary MVV Environment Baldovie Ltd (MEB) is seeking permission to vary Permit No: PPC/A/1003157 (as varied; issued by SEPA on 28 February 2019) to allow for parallel operations of both facilities for a period of up to 10 years. Further details are contained in PPC Supporting Statement. The hours of operation set out in condition 3.1.6 of PPC/A/1003157 are not proposed to be changed. The maximum quantity of waste stored on site will not change from condition 4.2.1 of PPC/A/1003157. The aggregate amount of the wastes to be incinerated in the Permitted Installation will not change from condition 4.2.2 (a) and (b) of PPC/A/1003157. Current CEMS will be retained.

C1.3 Are you proposing any change in operation that would result in additional land being included within the site of the installation or the first use of a substance at the installation

✓ NO	
☐ YES	
Reference numb baseline report	er for the site report and where relevant,
No changes	
	ns which are necessary to update those you ith your application for the existing permit.
No changes	

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C1.4 In your view, will the variations for which you are applying entail a substantial change as defined in the Pollution Prevention and Control (Scotland) Regulations 2012?

□ №	Please provide an explanation:	
Reference number for the explanation:		
√ YES	Please provide and explanation :-	
Further details on proposed Variation are set out in the PPC Supporting Statement		

C2 Your proposed techniques

Please provide written information about how your proposed changes will affect the aspects of your installation listed below.

In each case you should:

- Address all of the issues set out in the relevant technical guidance including relevant BAT reference documents and conclusions. You may also wish to refer to UK Technical Guidance. Links to these documents are available on the SEPA website;
- Justify your proposals against any indicative requirements contained in the guidance, including a description of the proposed technology techniques and measures studied by the applicant;
- Identify if you propose to use an 'emerging technique' and provide details of this; and
- Provide any other information about the installation which you think is relevant to that issue.

Information required:

C2.1 Provide details of any changes to management techniques resulting from your proposals. Please demonstrate how your proposals constitute BAT and justify your proposals against any relevant BAT conclusions or guidance.

Doc Reference BAT review undertaken for Permit No: PPC/ A/1003157 (as varied; on 28 February 2019. MVV will ensure BAT conclusions from new BREF guidance (December 2019) are reviewed in full for both plants once BAT review programme is available from SEPA.

C.2.2 Identify the raw and auxiliary materials, other substances and water that you propose to use and provide details of their fate and behaviour in the environment, and effects on both human health and the environment Please demonstrate how

these proposals constitute BAT and justify your proposals against any relevant BAT conclusions or guidance.

Doc Reference

Please see:

- Change is to vary Permit No: PPC/ A/1003157 (as varied; issued by SEPA on 28 February 2019) to allow for parallel operations of both facilities for a period of up to 10 years.
- See updated PPC Supporting Statement, Air Quality Assessment, Habitats Regulations Appraisal and updated Emissions and Impact Assessment Report for parallel operations.
- BAT review undertaken for Permit No: PPC/A/1003157 (as varied; on 28 February 2019. MVV will ensure BAT conclusions from new BREF guidance (December 2019) are reviewed in full for both plants once BAT review programme is available from SEPA
- C2.3 Describe any changes to the installation activities and the proposed techniques and measures to prevent and reduce waste arisings and emissions of substances and heat (including during periods of start-up or shut-down, momentary stoppage, leak or malfunction) as a result of your proposals Please demonstrate how these proposals constitute BAT and justify your proposals against any relevant BAT conclusions or guidance.

Doc Reference

Please see:

- Change is to vary Permit No: PPC/ A/1003157 (as varied; issued by SEPA on 28 February 2019) to allow for parallel operations of both facilities for a period of up to 10 years.
- BAT review undertaken for Permit No: PPC/A/1003157 (as varied; on 28 February 2019. MVV will ensure BAT conclusions from new BREF guidance (December 2019) are reviewed in full for both plants once BAT review programme is available from SEPA.

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C2.4 Identify if there may be any new or changes to the disposal into or onto land of any wastes containing List or List II substances, as defined in the EC Groundwater Directive (80/68/EEC) or hazardous or non-hazardous substances as defined in the EC Groundwater Directive (2006/118/EC). If any are identified, please explain how the requirements of these Directives have been addressed. Your local SEPA office can be consulted for further advice on this.

Doc Reference There will be no planned disposal into or onto land of any wastes containing List I or List II substances or hazardous or non-hazardous substances.

Change is to vary Permit No: PPC/A/1003157 (as varied; issued by SEPA on 28 February 2019) to allow for parallel operations of both facilities for a period of up to 10 years.

The hours of operation set out in condition 3.1.6 of PPC/A/1003157 are not proposed to be changed. The maximum quantity of waste stored on site will not change from condition 4.2.1 of PPC/A/1003157. The aggregate amount of the wastes to be incinerated in the Permitted Installation will not change from condition 4.2.2 (a) and (b) of PPC/A/1003157.

C2.5 Identify if there may be any new or changes to the discharges into the water environment containing List I or List II substances, as defined in the **Dangerous** Substances **Directive** (76/464/EEC) or substances in Annex X of Priority **Substances Directive** the (2006/105/EC). If any are identified, please explain how the requirements of these Directives have been addressed.

local SEPA office can be consulted for further advice on this.

Doc Reference Please see PPC Supporting Statement with confirmation from Scottish Water to accept the additional discharges from parallel operations, as well as the existing volumes from the existing facility.

There will be no planned discharges into the water environment containing List I or List II substances or substances in Annex X of the priority substances Directive.

Change is to vary Permit No: PPC/A/1003157 (as varied; issued by SEPA on 28 February 2019) to allow for parallel operations of both facilities for a period of up to 10 years.

C2.6 Describe any changes to how waste generation is prevented and quantify any changes to waste streams from the installation resulting from your proposals and describe the proposed measures for waste management, storage and handling. Please demonstrate how these proposals constitute BAT and justify your proposals against any relevant BAT conclusions or guidance.

Doc Reference

Further details on waste streams are contained in PPC Supporting Statement and the Emissions and Impact Assessment Report.

BAT review undertaken for Permit No: PPC/A/1003157 (as varied; on 28 February 2019.

MVV will ensure BAT conclusions from new BREF guidance (December 2019) are reviewed in full for both plants once BAT review programme is available from SEPA.

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C2.7 Describe how each changed waste stream is proposed to be recovered, prepared for re-use, recycled or disposed of. If you propose any disposal explain why recovery is technically and economically impossible and describe the measures planned to avoid or reduce any impact on the environment. Please demonstrate how these proposals constitute BAT and justify your proposals against any relevant BAT conclusions or guidance.

Doc Reference Further details on waste streams are contained in PPC Supporting Statement and the Emissions and Impact Assessment Report.

BAT review undertaken for Permit No: PPC/A/1003157 (as varied; on 28 February 2019.

MVV will ensure BAT conclusions from new BREF guidance (December 2019) are reviewed in full for both plants once BAT review programme is available from SEPA.

C2.8.1 Provide a breakdown of any changes proposed to energy consumption and generation by source and end use.

Doc Reference Please refer to Updated Heat and Power Plan 2019 for parallel operations

C2.8.2 Describe the proposed basic measures for improvement of energy efficiency relevant to your proposals Please demonstrate how these proposals constitute BAT and justify your proposals against any relevant BAT conclusions or guidance.

Doc Reference Change is to vary Permit No: PPC/A/1003157 (as varied; issued on 28 February 2019) to allow for parallel operations.

Details also provided in Updated Heat and Power Plan 2019 for parallel operations. MVV will ensure BAT conclusions from new BREF guidance (December 2019) are reviewed in full for both plants once BAT review programme is available from SEPA.

C2.8.3 Are you, or will you be, subject to a Climate Change Levy Agreement?

√ NO	Describe the proposed sector specific measures from improvement of energy efficiency relevant to your proposals	
Document Reference: Seeking to vary Permit No: PPC/A/1003157 (as varied; issued by SEPA on 28 February 2019) for parallel operations		
☐ YES	Please give:	
the (expected) date of entry into the agreement:		
Written confirmation that the installation is covered by a Climate Change Agreement and the terms of that agreement in so far as they relate to the installation		
Document Reference:		

C2.9 Describe any changes to the documented system used to identify, assess and minimise the environmental risks and accidents hazards of and their consequences as a result of your proposals. Please demonstrate how these proposals constitute BAT and justify your proposals against any relevant BAT conclusions or guidance.

Doc Reference Further details are contained in PPC Supporting Statement.

MVV will ensure BAT conclusions from new BREF guidance (December 2019) are reviewed in full for both plants once BAT review programme is available from SEPA.

C2.10 Describe any changes to the main sources of noise and vibration (including infrequent sources); the nearest noise sensitive locations and relevant environmental noise measurement surveys which have been undertaken and the

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techniques and measures for control of noise as a result of your proposals. Please demonstrate how these proposals constitute BAT and justify your proposals against any relevant BAT conclusions or guidance.

Doc Reference Updated Noise Assessment Report for parallel operations

MVV will ensure BAT conclusions from new BREF guidance (December 2019) are reviewed in full for both plants once BAT review programme is available from SEPA.

C2.11 Describe any changes to the measures for monitoring emissions including any environmental monitoring, and the frequency, measurement methodology and evaluation procedure as a result of your proposals. Please demonstrate how these proposals constitute BAT and justify your proposals against any relevant BAT conclusions or guidance.

Doc Reference Change is to vary Permit No: PPC/A/1003157 (as varied; issued by SEPA on 28 February 2019) to allow for parallel operations of both facilities for a period of up to 10 years.

All existing monitoring obligations (incl. CEMS) will be retained, and BAT conclusions for both plants will be reviewed once review programme is available from SEPA.

C2.12 Describe any changes to the proposed measures upon definitive cessation of operations to avoid any pollution risk and return the site of the installation to a satisfactory state (including relevant measures for the design and construction of the installation), as a result of your proposals. Please demonstrate how these proposals constitute BAT and justify your proposals against any relevant BAT conclusions or guidance.

Doc Reference Change is to vary Permit No: PPC/A/1003157 (as varied; issued by SEPA on 28 February 2019). BAT conclusions for both plants will be reviewed once review programme is available from SEPA.

C2.13 Where you are not the only operator of the installation, describe any change to the techniques and measures (including those to be undertaken jointly by yourself and other operators) for ensuring satisfactory operation of the whole installation resulting from your proposals. Please demonstrate how these proposals constitute BAT and justify your proposals against any relevant BAT conclusions or quidance.

Doc Reference

Not Applicable

C3 Your proposed emissions

Please provide written information about how your proposed changes will affect the emissions from the installation.

You should:

- Address all of the issues set out in the relevant technical guidance;
- Identify if you propose to use an 'emerging technique';
- Justify your proposals against the emission levels associated with BAT contained in the relevant BAT conclusions;
- Provide any other information about the installation which you think is relevant to that issue.

Information required:

C3.1 Describe the nature, quantities and sources of foreseeable emissions to land, air and water relevant to your proposals.

Doc Reference See updated Air Quality Assessment, Habitats Regulations Appraisal and updated Emissions and Impact Assessment Report for parallel operations.

The PPC Supporting Statement and Emissions and Impact Assessment Report contains details on water use and discharge, as well as waste. BAT conclusions for both plants will be reviewed once review programme is available from SEPA.

C4 Impact on the environment and human health

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Please provide written information about how your proposed changes will affect the impact your emissions may have on the environment and on human health as listed below:

In each case you should:

- Address all of the issues set out in the section of the relevant technical guidance;
- Justify your proposals against any indicative requirements contained in the guidance; and
- Provide any other information about the installation which you think is relevant to that issue.

Information required:

C4.1 Provide an assessment of any change to the potential significant human health and environmental effects (including transboundary effects) of the foreseeable emissions resulting from your proposals

Doc Reference See updated Air Quality Assessment (AQA),
Habitats Regulations Appraisal and updated
Emissions and Impact Assessment
Report for parallel operations. Originally
submitted Human Health Risk Assessment
reviewed and no update needed, as already
considers parallel operation sceanrio. Details of a
proposed Soil Sampling Plan for metals, dioxins/
furans is however in the PPC Supporting Statement

C4.2 Explain how the information provided in other parts of the application also demonstrates that the relevant objectives set out in the Waste Management Licensing Regulations 1994 have been addressed (in applicable cases), or provide additional information

Doc Reference

Change is to vary Permit No: PPC/A/1003157 (as varied; issued by SEPA on 28 February 2019) to allow for parallel operations of both facilities for a period of up to 10 years

The hours of operation set out in condition 3.1.6 of PPC/A/1003157 are not proposed to be changed.

The maximum quantity of waste stored on site will not change from condition 4.2.1 of PPC/A/1003157.

The aggregate amount of the wastes to be incinerated in the Permitted Installation will not change from condition 4.2.2 (a) and (b) of PPC/A/1003157.

C4.3 Provide an assessment of whether the proposed change in the operation of the installation is likely to have a significant effect on a European Conservation Site in Great Britain and, if it is, provide an assessment of the implications of the installation for that site, for the purposes of the Conservation (Natural Habitats etc.) Regulations 1994

Doc Reference See updated Air Quality Assessment and Habitats Regulations Appraisal.

C5 Environmental statement

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C5.1 Has the development of the installation (or any subsequent change or extension of the development) required an environmental statement under Council Directive 85/337/EEC on the assessment of the effects of certain public and private projects on the environment?	C6.5 Are there any other SSSIs which may be affected by emissions from the installation?
□ NO	✓ YES □ NO
✓ YES Please supply a copy of the environmental statement submitted and details of any decision made (unless you have submitted this information in a previous application. Document Reference: Please see updated Environmental Statement for parallel operations. C6 Statutory consultees	If YES, please give names of the sites: Effects are not considered to be significant for any sites. See updated Air Quality Assessment and Habitats Regulations Appraisal.
We will use the information in this section to identify who we must consult about your proposals. C6.1 In which local authority area is the installation located? If premises are on a boundary, please give names of	C6.6 Are there any European Conservation sites, as defined by regulation 10 of the Conservation (Natural Habitats) Regulations, which may be affected by emissions from the installation?
all relevant authorities.	✓ YES □ NO
Please give details: Dundee City Council	If YES, please give names of the sites:
C6.2 In which health board area is the installation located? If premises are on a boundary please give names of all relevant boards. Please give details: NHS Tayside	See updated Air Quality Assessment and Habitats Regulations Appraisal. C6.7 Could the installation involve the release of any substance into a harbour managed by a harbour authority?
	✓ YES □ NO
C6.3 Could the installation involve the release of any substance into a sewer ✓ YES □ NO C6.4 Are there any sites of special scientific interest (SSSIs) which are within 2 kilometres of the installation? ✓ YES □ NO	Change is to vary Permit No: PPC/A/1003157 (as varied; issued by SEPA on 28 February 2019) to allow for parallel operations of both facilities for a period of up to 10 years. There is potential for the foul water connection to be connected to a network operated by Scottish Water which may have sewage overflows to Dundee harbour, operated by the Harbour Authority, Port of Dundee Ltd. Please see PPC Supporting Statement for confirmation from Scottish Water.
See updated Air Quality Assessment and Habitats Regulations Appraisal.	

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		✓ N	0	Go to 'C8 What to do next'
		☐ YE	S	Please describe:
C6.8 Is the ins	tallation on a site for which:	be	y propos deposite	
licence is required under Section 1 of the Nuclear Installations Act 1965.	No - The installation is not situated	(b) Any Not ap	pplicable escription bluding hy	ed changes to the capacity of the disposal site: e as of any new areas of land to be part of the site ydrogeological and geological characteristics:
A major accident prevention policy document is required under regulation 5 of the Control of Major Accident Hazards	on a site for which a major accident prevention policy document is required under regulation 5 of the Control of Major Accident Hazards Regulations 1999. Change is to vary Permit No: PPC/A/1003157 (as varied; issued by SEPA on 28 February 2019) to allow for parallel operations of both facilities for a period of up to 10 years. Both facilities will share the same Fire water Tank as the physical separation between the two facilities is sufficient that a fire is considered unlikely to spread from	Plannii C7.2	Which change manag not vary We wants.	
1999.	one facility to the other. This assessment has been accepted by Scottish Fire and Rescue Service and Dundee City Council Building Control.	Pendii DCC registe existir	nce Numb ng Appr 16/0091 ering the	ber:
	installation an upper tier ment under the Control of Major Hazard Regulations 1999?	Referen		ave a certificate of lawful existing use or opment.
√ NO				
YES plea	ase provide details of when your safety nder Regulation 7 of COMAH was		Develo	own & Country Planning (General Permitted opment) (Scotland) Order 1992 or other nt orders applies.
Please give details:		Please	give deta	ils:
			Plannii	ng permission is not required.
C7 Specifie Activitie	d Waste Management s			ny and enclose written confirmation from the
	applying to change the operation 'specified waste management' ?	Referer	nce Numb	per:

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Fit and proper person

We need to make sure that whoever holds the permit is a 'fit and proper person' in relation to any specified waste management activities. This includes consideration of relevant offences, technical competence and financial provision.

Relevant offences

C7.3 Has the operator, or any other 'relevant person', been convicted of any 'relevant offence'?

A 'relevant person' includes each partner, director, manager, company secretary or any similar officer or can be an employee.

✓ NO	Go to question C7.4
☐ YES	Please give full information:
Reference number for this information:	

The details we need are listed below

- Full name of company or individual convicted.
- If an individual has been convicted, please state their position at time of offence.
- Name of court.
- Date of conviction.
- Offence and penalty imposed.
- Date of any outstanding appeal lodged against conviction.
- Any additional information which the operator would like us to take into account in determining whether they are a 'fit and proper person'. For example, why the offence happened, and what has been done to prevent a similar event occurring.

Technical Competence

C 7.4 Are the specified waste management activities covered by the WAMITAB (Waste Management Industry Training Advisory Board) award scheme?

✓ NO	Go to question C 7.6
☐ YES	Go to question C 7.5

C7.5 Who will provide the technically competent management of the specified waste management activities?

Please give details for each person and provide a copy of the WAMITAB certificate.

If this is unchanged under the proposed variation then enter 'unchanged' in the first box and go to question C7.7.

Responsible Person

Full name:	
Position:	
Level of WAMITAB Certificate:	
Date:	
Reference number for copy of certificate:	

Responsible Person

reapondible relacit	
Full name:	
Position:	
Level of WAMITAB Certificate:	
Date:	
Reference number for copy of certificate:	

Responsible Person

Full name:	
Position:	
Level of WAMITAB Certificate:	
Date:	
Reference number for copy of certificate:	

Responsible Person

Full name:	
Position:	
Level of WAMITAB Certificate:	
Date:	
Reference number for copy of certificate:	

Now go to question C7.7

WAMITAB sites

Non WAMITAB sites

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C7.6	Who will be responsible for managing the
	specified waste management activities?

Please give details for each person.

For each person named below, we:

- Need to see a statement of qualifying experience,
- May want to carry out our own assessment.

If this is unchanged under the proposed variation then enter 'unchanged' in the first box and go to question C7.7

Responsible Person

Full name:	Unchanged
Position:	
Doc reference for statement:	
Responsible Person	
Full name:	
Position:	
Doc reference for statement:	

Management and other installations

C7.7 Are any of these 'Responsible people' already providing the technically competent management at other PPC installations or at sites licensed under Part II of the Environmental Protection Act 1990?

√ NO	Go to question C7.8
☐ YES	See below:

Please use a separate sheet to give details of these people. For each person we need to know the:

- Site / installation name and address; and
- Licence / permit reference number.

Application is to vary Permit No: PPC/ A/1003157 to allow for parallel operations of both facilities for a period of up to 10 years

Financial provision

C7.8 How does the operator intend to make financial provision for the specified waste management activities?

We cannot issue a permit unless you have financial provision in place. We will need to see copies of the relevant documents.

	Renewable bonds
	Bonds
	Bank guarantee
	Parent company guarantee (See below)
ears (or for the period of trading if less than th
rears). of date. Docum Not a	These should be no more than 18 months
rears). of date. Docum Not a	These should be no more than 18 months ment reference number for accounts: pplicable - unchanged from existing Permit
ears). f date. Docun	These should be no more than 18 months ment reference number for accounts: pplicable - unchanged from existing Permit
ears). f date. Docun	These should be no more than 18 months ment reference number for accounts: pplicable - unchanged from existing Permit PC/ A/1003157
ears). f date. Docun	These should be no more than 18 months ment reference number for accounts: pplicable - unchanged from existing Permit PC/ A/1003157 Escrow account
ears). f date. Docun	These should be no more than 18 months ment reference number for accounts: pplicable - unchanged from existing Permit PC/ A/1003157 Escrow account Trust fund

Expenditure plan

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C7.9 Please provide a plan of the estimated expenditure for each phase of the specified waste management activities.

The plan should include the likely costs of:

- Monitoring
- Restoration landfill only,
- Aftercare landfill only,
- Clearing the installation (including drainage systems) of all wastes – non landfill,
- Remedial action in the event of the failure of pollution control systems.

We recognise that this plan may need to be revised before the issue of a revised permit.

If you believe that the plan will be unchanged as a result of your proposals please insert 'unchanged' in the box below.

Reference number for expenditure plan:

Unchanged - See updated Emissions and Impact Assessment Report for parallel operations.

C8 What to do next

Now please fill in Part F and sign and date the application.

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