



WasteServ Malta Ltd

**IP004/07/B Request for Renewal and
Variation of IPPC Permit**

Marsa Thermal Treatment Facility

**Consolidated Application
July 2013**

FORM A

**Form IPPC Part A – application for a permit, variation, transfer or surrender
For Malta Environment & Planning Authority Use Only**

Data received **Fee received: Yes** **No** **Amount received** **Name assigned to installation**

 

**Application for a permit, variation, transfer or
surrender**

Integrated Pollution Prevention and Control

Integrated Pollution Prevention and Control Regulations 2002

Introduction to Part A

When to use this form

Use this form if you are sending an application to the MEPA under the Integrated Pollution Prevention and Control Regulations 2002 ('the IPPC Regulations').

The form is to be used for applications made in respect of both 'installations' and 'mobile plant' (and in the rest of the form, the term 'installation' also covers 'mobile plant' where appropriate).

Before you start to fill in this form

There may be two or more operators in a single installation. Each operator will need a permit, each obtained by a separate application. Your applications will principally relate to the part of the installation under your control, but will also need to include some information on the rest of the installation. This will help us to assess the operation of the whole installation. The term "installation", when used in this application form (and elsewhere) may refer to either the whole or part of the installation, depending on the nature of the information we are seeking to obtain.

Which parts of the form to fill in

The form is in five parts but we usually only send you the parts you need to fill in. Everyone has to fill in Part A, and prepare and sign a covering letter at the end of their application.

The other parts you need to fill in depends on the type of application you are making:

- To apply for a new permit – fill in Parts A and B;
- To vary an existing permit – fill in Parts A and C;
- To transfer all or part of an existing permit to someone else – fill in Parts A and D. This should be a joint application by the transferor and the transferee;
- To surrender all or part of an existing permit – fill in Parts A and E.

Other documents we need to see

There are a number of other documents you will need to send us with your application. Each time a request for documents is made in the application form you will need to record a document reference number for the document or documents that you are submitting in the box provided on the form for this purpose.

Please also mark the document(s) clearly with this reference number and either the application reference number if you know it or your existing permit number. If you do not have either of these, please use the name of the installation.

If you know your Application Reference Number, please enter it into the box below:

IP 0004/07/A

Using continuation sheets

In the case of questions required to be answered on the application form itself, please use a continuation sheet if you need extra space; but please indicate clearly on the form that you have done so by stating a document reference number for that continuation sheet. Please also mark the continuation sheet itself clearly with the information referred to above.

Copies

Please send 1 hard copy and 9 soft copies of the application form and all supporting information.

If you need help and advice

We have made the application form as straightforward as possible, but please get in touch with us if you need any advice on how to set out the information we need.

Please get in touch with us on 2290 7230.

A1 About your application

A1.1 What type of application are you making?

- new permit
- variation of an existing permit
- transfer of an existing permit
- surrender of an existing permit

A1.2 Name of the installation

Incinerator for Abattoir and Hazardous Waste

Please tell us if this name is:

- already agreed with the MEPA; or
- one that you are proposing.

A1.3 Please give the address of the site of the installation, and a map or plan showing the site of the installation and the location of the installation on the site

Street Address	Triq il-Biccerija	
Locality	Marsa	Post Code MRS 1123

A1.4 Give details of any existing permit(s) for the installation.

Please give details of any applicable waste management licences, planning permits or water discharge consents. Include permit number(s), type(s) and date(s) of issue, and submit copies.

IPPC permit IP 0004/07
WM 00012/07

Copies provided in Annex 1

A2 Authorised contacts

It will help us to have someone who we can contact directly with any questions about your application. The person you name should have the authority to act on your behalf.

A2.1 Who can we contact about your application?

This could be an agent rather than the operator.
Name

Ing Jonathan Scerri

Position

Chief Executive Officer

Address

Street Address	WasteServ Malta Limited	
	EkoCentre	
	Triq il-Latmija	
Locality	Marsascale	Post Code MSK 4613

Phone Number 23858000

Fax Number 21441930

Email address

jonathan.scerri@wasteservmalta.com

A2.2 Operational contact

If different to the above, please identify the person we should contact to discuss operational matters on an ongoing basis.

Name

Ing Mary Grace Micallef

Position

Facility Manager

Address

Street Address	WasteServ Malta Limited	
	EkoCentre	
	Triq il-Latmija	
Locality	Marsascale	Post Code MSK 4613

Phone Number 23858000

Fax Number 21441930

Email address

mary.g.micallef@wasteservmalta.com

A3 About the operator

Please provide the information requested below about the 'operator', which means:

- for applications for a new permit – the person who it is proposed will have control over the installation in accordance with the permit (if granted),
- for applications for a variation, transfer or surrender – the person who currently has control over the installation in accordance with the permit.

If you are applying for a transfer, we will ask for more information relating to the proposed new operator (transferee) in Part D.

Legal status of operator

A3.1 Is the operator an individual, a group of individuals, a partnership or a company/corporate body?

- Individual (sole trader) or group of individuals: go to question A3.2.
- Partnership: go to question A3.3.
- Company or corporate body:** go to question A3.5.

Individual applicants

A3.2 Please give us the following details.

Where more than one person is applying (other than as a partnership) we need details of each person.

Continue on separate sheets if necessary.

Full Name

ID Card/Passport No.

Trading/business name (if any)

Business address

Street Address		
Locality		Post Code

Phone Number

Fax Number

Email address

Now go to question A4, What to do next.

Applications from partnerships

A3.3 Who is applying?

We can only issue permits to named individuals, not to a partnership name. We therefore need details of each person in the partnership.

Continue on separate sheets if necessary.

Person

Full Name

ID Card/Passport No.

Principal place of business

Street Address		
Locality		Post Code

Contact Numbers

Phone Number

Fax Number

Email address

Person

Full Name

ID Card/Passport No.

Principal place of business

Street Address		
Locality		Post Code

Contact Numbers

Phone Number

Fax Number

Email address

Person

Full Name

ID Card/Passport No.

Principal place of business

Street Address		
Locality		Post Code

Contact Numbers

Phone Number

Fax Number

Email address

A3.4 Please give us the following details about the partnership.

Name of partnership (if there is one)

Principal place of business

Street Address		
Locality		Post Code

Contact Numbers

Phone Number

Fax Number

Email address

Now go to question A4, What to do next.

Companies or other corporate applicants

A3.5 Please give us the following details.

Full name of company or corporate body.

WASTESERV MALTA LIMITED

Trading/business name (if different)

Registered office address

Street Address	EkoCentre	
	Triq il-Latmija	
Locality	Marsascala	Post Code MSK 4613

Company registration number

C30560

Date of formation of company

November 2002

- For applications from companies, please provide a copy of the certificate of incorporation or registration and any certificates of subsequent name changes.

Document reference number

Annex 2

- For applications from other corporate bodies, please provide evidence of status.

Document reference number

A3.6 Is the operator a subsidiary of a holding company?

No

Yes name of ultimate holding company

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Registered office address

Street Address		
Locality		Post Code

Principal office address (if different)

Street Address		
Locality		Post Code

Company registration number

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A4 What to do next

Now you need to fill in the other Parts of this form we sent you.

If you are applying for

- A new permit – fill in Part B;
- A variation – fill in Part C;
- A transfer – fill in Part D;
- A surrender – fill in Part E.

FORM C

Form IPPC Part C: Application for a Variation



Application reference:

For MEPA use only

Use this part of the form if you are applying to vary the conditions or any other provision contained in your permit.
Please read carefully Appendix I attached with this application.

C1 About the installation

Please fill in the installation table below with details of all the activities and operators at the whole installation, even if you are applying for a permit in respect of only part of the installation.

In **Column 1: Activities in “the stationary technical unit”**, please identify all activities listed in Schedule 1 to the IPPC 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; and
 - could have an effect on pollution.
- These could include, for example, boilers, generators, water purification systems, scrubbers and other air purification systems.

In **Column 2: Schedule 1 references**, write the category the installation falls under in Schedule 1 of the IPPC Regulations (L.N. 234 of 2002 as amended).

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 details

COLUMN 1 Permitted activities in the “stationary technical unit”	COLUMN 2 Schedule 1 references	COLUMN 3 Operator	COLUMN 4 Proposed variations
Disposal of animal by-products and hazardous wastes	5.1	Applicant	Change in site boundary to include the Temporary Marsa Sorting and Storage Facility.
			Installation of additional ancillary facilities including the installation of a rendering plant for the treatment of animal by-products.
			Variation to list of permitted wastes.
			Variation to management condition to reflect new timelines.
			List of permitted waste to be included as part of the permit.
			Waste delivery

			Variation to waste acceptance procedures.
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Directly associated activities

C1.2 Non-technical description

Please provide a non-technical description of the proposed changes.

Document reference number:

Annex 3

C1 About the installation *continued*

C1.3 The proposed variations

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;
- an indication of the variations to the conditions of the permit that you wish to apply for.

Document reference number for the summary:

Annex 4 & Project Description Document in Annex 5

C1.4 Site maps and reports

Are you proposing any change in operation that would result in additional land being included within the site of the installation?

Yes No

Please provide:

C.1.4.1

A site report, describing the condition of the site of that part of the installation in respect of which you are applying for a variation, and, in particular, identifying any substance in, on or under the land which may constitute a pollution risk. A baseline report assessing the state of the groundwater and land may also be required by the Authority.

Document reference number for the report:

Annex 6

C1.4.2

A suitable map (or maps) showing the location of the site of the installation, and the area for which a variation of the IPPC permit is being applied for. The outline of the site and the area requiring the variation should be clearly marked in colour, and the surroundings of the site should be included in the map.

Document reference number for map(s):

Annex 7

C1.4.3

Suitable block plans, properly labelled, showing any changes to the location and nature of the various activities being proposed on that site.

Document reference number for plans:

Annex 7
Incinerator – activities related to the shredding of waste, refrigerated storage, incineration of waste and flue gas treatment.
Ancillary building – offices, laboratory, workshop and rest rooms.

All maps and plans submitted shall be to scale, using a scale rule. Soft copies of plans should be submitted in .pdf format only.

C2 Your proposed techniques

Please provide written information about the aspects of your installation listed below. We need this information, and that which you give in response to C3 and C4, to determine whether you will operate the installation in a way which meets all the environmental requirements of the IPPC Regulations.

In each case you should:

- address all of the issues set out in each question;
- justify your proposals against any indicative requirements contained in the relevant BREF guidance notes; and
- provide any other information about the installation which you think is relevant to that issue.

C2.1 Environmental Management System

Provide details of any changes to environmental management techniques resulting from your proposals.

Document reference number:

Annex 8

C2.2 Raw materials

Identify any changes to the raw and auxiliary materials to be used as a result of your proposals. Give details of quantities proposed to be used annually and submit respective MSDS sheets.

C2 Your proposed techniques *continued*

C2.4 Maintenance

Describe any changes to the maintenance programme for the installation.

Document reference number:

To be provided at a later stage

C2.5 Energy

C2.5.1: Describe any changes to the annual energy consumption, highlighting the main energy-consuming equipment, and generation by source and end-use (including information on energy generated on site, if applicable).

Document reference number:

Process Flow Diagram in Annex 10; Project Description Document Annex 5 section 2.15 & 2.24; BAT for waste incineration Annex 19 pp. 25-27; BAT for Slaughterhouses and animal by-products industries Annex 20 section 5.1.1.

C2.5.2: Describe the proposed basic measures for improvement of energy efficiency.

Document reference number:

Annex 9

C2.3 Proposed activities

Describe any changes to the installation activities and the proposed techniques and measures to prevent and reduce waste 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.

Submit a flow diagram summarising the proposed installation activities and indicating the changes.

Document reference number:

Project Description Document Annex 5 & Process Flow Diagram Annex 10

Document reference number:

Process Flow Diagram in Annex 10; Project Description Document Annex 5 section 2.15 & 2.24; BAT for waste incineration Annex 19 pp. 25-27; BAT for Slaughterhouses and animal by-products industries Annex 20 section 5.1.1.

C2.6 Water

Provide a breakdown of any changes to the proposed annual water consumption by source and end-use.

Document reference number:

No changes to proposed water consumption by the installation are being proposed. Process Flow Diagram in Annex 10; BAT for waste incineration Annex 19 pg.24; BAT for Slaughterhouses and animal by-products industries Annex 20 section 5.1.1.

C2.7 Risk assessment

Describe any changes to the documented system used to identify, assess and minimise the environmental risks and hazards of accidents and their consequences. Include any

changes to emergency plans in case of fire and other emergencies.

Document reference number:

Emergency Response Plan Annex 11

C2.8 Training

Please indicate whether any changes to the staff training programme will be required. Please submit the name of the technically competent person on site who will be responsible for such training.

Document reference number:

Staff shall be trained on the use and maintenance of new equipment

C2.9 Cessation

Describe any changes to the proposed measures upon definitive cessation of activities, 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).

Document reference number:

Annex 12

C2.10 Multi-operator installations

Where you are not the only operator of the installation, 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.

Document reference number: No changes foreseen

C3 Your proposed emissions *continued*

C3.1.3: Describe how each waste stream identified in C3.1.1 is proposed to be recovered or disposed of and, 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.

Document reference number:

Animal by-products to be treated via rendering process. By-product of rendering process and other waste streams to be incinerated.

C3.2 Emissions to Groundwater

Identify if there may be a discharge of any List I or List II substance as a result of your proposals, and if any are identified, explain how the requirements of the Groundwater Regulations (LN 203 of 2002) have been addressed.

C3 Your proposed emissions

In response to the following questions, please provide written information about the emissions which will result from the techniques you described in response to the questions in section C2.

You should also provide any other information about the installation which you think is relevant to that issue.

C3.1 Waste

C3.1.1: Characterise (using the European Waste Catalogue code – Schedule 1 of LN 337 of 2001) and quantify any changes to each waste stream from the installation.

Document reference number:

Annex 4

C3.1.2: Describe any changes to the proposed measures for waste management, storage and handling.

Document reference number:

Proposed Variations Annex 4 & Project Summary Document Annex 5

Document reference number:

No changes foreseen

C3.3 Emissions to Sewer

C3.3.1: Is a new sewer connection envisaged as a result of your proposal?

Yes No

If yes, please submit a block plan of the site, showing the proposed layout of sewer connections and any other drains (colour-coded), as well as the proposed discharge point(s).

Document reference number:

Not applicable

C3.3.2: If a new sewer connection is envisaged, does the installation have a Sewer Discharge Permit?

Yes No

Please submit a copy of the permit, or of the submitted application if the permit has not yet been issued.

Document reference number:

Application for Sewer Discharge Permit in Progress. Copy provided in Annex13

C3.3.3: Could the proposal involve the release of any Schedule A or Schedule B substance into the sewers?

Yes No

If yes, explain how the requirements of LN 139 of 2002 have been addressed.

Document reference number:

A waste water treatment plant shall be installed.

C3.4 Emissions to the Sea

Identify if the proposal may result in a direct discharge of any List I or List II substance to coastal (up to 1 nautical mile from the coast line) or territorial waters.

Yes No

If any are identified, explain how the requirements of the Discharge of Dangerous Substances Regulations (LN 213 of 2001) have been addressed.

Document reference number:

Not applicable

In addition, please submit a block plan of the site, showing the proposed discharge point to the sea.

Document reference number:

Not applicable

C3.5 Emissions to Air

Identify if there may be any changes in emissions of substances to air.

Yes No

If any are identified, submit details of each emission point, the nature and the proposed quantities of substances emitted from each point. A block plan of the site showing each emission point should be submitted.

Document reference number:

Annex 14

C3.6 Emissions to Land

Identify if there may be any changes in emissions of substances to land.

Yes No

If any are identified, submit details of the nature and the proposed quantities of substances emitted to land, as well as a map showing the proposed location of such emissions.

Document reference number:

Not applicable

C3 Your proposed emissions *continued*

C3.7 Noise

Describe:

C3.7.1: The main sources of noise and vibration (including infrequent sources) of the proposal;

C3.7.2: The proposed techniques and measures for control of noise;

C3.7.3: The nearest noise sensitive locations and distance away from the site (a site map may be submitted for this purpose); and

C3.7.4: Relevant environmental noise measurement surveys which have been undertaken (using a standard methodology such as BS4142).

Document reference number:

Annex 15

C3.8 Monitoring

Describe the proposed measures for monitoring emissions arising from the proposal, including any environmental monitoring. The following must be specified:

C3.8.1: The location of each proposed monitoring point (plotted on a suitably-labelled block plan of the site);

C3.8.2: The substances (in each environmental medium) which are proposed to be monitored;

C3.8.3: The frequency with which monitoring is proposed to take place;

C3.8.4: The proposed measurement methodology, which should be a standard methodology, such as EN or ISO standard, or equivalent;

C3.8.5: The proposed procedure for evaluation of the results.

Document reference number:

No changes foreseen

C3.9 Summary

By means of a mass flow diagram, summarise the emissions and waste described in sections C3.1, C3.2, C3.3, C3.4, C3.5, and C3.6 of this application.

Document reference number:

Annex 10

C4 Impact on the environment

Please provide written information about the impact your emissions may have on the environment.

You should:

- address all of the issues set out in the section;
- justify your proposals;
- provide any other information about the installation which you think is relevant to that issue.

C4.1 Environmental effects

Provide an assessment of the potential significant environmental effects (including transboundary effects) of the foreseeable emissions from the proposal.

Document reference number:

EIA Addendum Annex 16

C4.2 Effects on other sites

Provide an assessment of whether the proposal is likely to have a significant effect on another site in Malta and, if it is, provide an assessment of the implications of the installation for that site.

Document reference number:

EIA Addendum Annex 16

C5 Environmental statements**C5.1 Environmental statement**

Has the development of the installation (or any subsequent change or extension of the development) required an environmental statement (EIS or EPS) under LN 204 of 2001 on the assessment of the effects of certain public and private projects on the environment?

Yes No

If yes, please supply a copy of the environmental statement submitted and details of any decision made.

Document reference number:

EIA Addendum Annex 16

C6 Statutory consultees

We will use the information in this section to identify who we must consult about your proposals.

C6.1 Local council

In which area is the installation located? If premises are on a boundary please give the names of all the relevant authorities.

Marsa

C6.2 Other sites

Are there any other sites which may be affected by emissions from the proposal? (Refer also to your answer to C4.2).

Yes No

If yes, please give the names of the sites:

C6.3 Port Authority

Could the installation involve the release of any substance into a harbour managed by a port authority?

Yes No

If yes, please name the port authority:

C7 Planning status

C7.1 Planning status

Which of the following applies to the proposed installation activities?

We cannot issue a permit unless one of the following applies. Please tick the applicable answer and submit a copy of the relevant documents.

You have planning permission.

Document reference number:

You have a certificate of lawful existing use or development.

Document reference number:

Planning permission is not required - please say why and enclose written confirmation from the Planning Directorate at MEPA.

Document reference number:

If you have submitted an application for planning permission which has not yet been determined, please provide a copy of the application.

Document reference number:

TR 148880

C8 Technically competent person

Technically competent person

We need to make sure that whoever holds the permit is a 'technically competent person'. This includes consideration of relevant offences, technical competence and financial provision.

C8.1 Technically competent management

Please describe any changes to the technically competent management of the activities.

Please give details for each person and provide written evidence.

Responsible person 1:

Full Name: Mary Grace Micallef
Position: Assistant Facility Manager
Date of employment: 01/09/03

Document reference number for copies of relevant qualifications:

Annex 17

Responsible person 2:

Full Name: Ramon Vella
Position: Incinerator Engineer
Date of employment: 09/12/09

Document reference number for copies of relevant qualifications:

Annex 17

Responsible person 3:

Full Name:
Position:
Date of employment:

Document reference number for copies of relevant qualifications:

Responsible person 4:

Full Name:
Position:
Date of employment:

Document reference number for copies of relevant qualifications:

C8.2 Management of other installations

Is any of the technically competent management already providing the technically competent management at other IPPC installations or at sites licensed under the Environmental Protection Act 2001?

Yes No

If yes, please use a separate sheet to give details of these people. For each person we need to know the:

- site/installation name and address;
- licence/permit reference number.

Document reference number for this information:

Not applicable

C9 Expenditure plan

C9.1 Expenditure plan

Please provide a plan of the estimated expenditure for each phase of the following specified activities arising from your proposal.

The plan should include the likely costs of:

- monitoring (emission/discharge and ambient monitoring);

Appendix I Data Protection Clause

In terms of the Data Protection Act (Chapter 440 of the Laws of Malta), we will process any personal and/ or sensitive data supplied on/ in this submission or subsequently supplied by yourself, whether orally or in writing, for all or any of the following purposes:

1. The proper processing of your submission;
2. internal management, research and statistics;
3. the protection and promotion of our legitimate interests and the proper conduct of our obligations arising under any law or statutory instrument; and
4. to make public the necessary information as specified in the relevant law and/or instrument.

Relevant data will be disclosed or shared as appropriate with all our employees and with other third parties if pertinent to any of the purposes listed above.

You have the right to require that we provide you with access to your **personal data** as well as the right to rectify, or, in appropriate circumstances, erase/edit any inaccurate, incomplete or immaterial personal data which is

- clearing the installation (including drainage systems) of all wastes;
- 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 the final permit.

Document reference number for expenditure plan:

No changes foreseen

C10 What to do next

Please read Appendix I, then prepare and sign a covering letter to attach to your application form.

being processed. However, you are required to inform us immediately of any alterations relating to your personal data which we are processing.

By sending your submission, you confirm that you are giving your explicit consent, in terms of the Data Protection Act, on behalf of yourself and all the other persons specified in this submission for the Authority to process your respective personal information as outlined above and you confirm that you have brought this Data Protection notice to the attention of these other persons and obtained their respective consents.

We undertake to implement appropriate measures and safeguards for the purpose of protecting the confidentiality, integrity and availability of all personal data processed.

Form IPPC Part C: Application for a Variation



Application reference:

For MEPA use only

Use this part of the form if you are applying to vary the conditions or any other provision contained in your permit.
Please read carefully Appendix I attached with this application.

C1 About the installation

Please fill in the installation table below with details of all the activities and operators at the whole installation, even if you are applying for a permit in respect of only part of the installation.

In **Column 1: Activities in “the stationary technical unit”**, please identify all activities listed in Schedule 1 to the IPPC 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; and
 - could have an effect on pollution.
- These could include, for example, boilers, generators, water purification systems, scrubbers and other air purification systems.

In **Column 2: Schedule 1 references**, write the category the installation falls under in Schedule 1 of the IPPC Regulations (L.N. 234 of 2002 as amended).

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 details

COLUMN 1 Permitted activities in the “stationary technical unit”	COLUMN 2 Schedule 1 references	COLUMN 3 Operator	COLUMN 4 Proposed variations
Disposal of animal by-products and hazardous wastes	5.1	Applicant	Change in site boundary to include the Temporary Marsa Sorting and Storage Facility.
			Installation of additional ancillary facilities including the installation of a rendering plant for the treatment of animal by-products.
			Variation to list of permitted wastes.
			Variation to management condition to reflect new timelines.
			List of permitted waste to be included as part of the permit.
			Waste delivery

			Variation to waste acceptance procedures.
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Directly associated activities

C1.2 Non-technical description

Please provide a non-technical description of the proposed changes.

Document reference number:

Annex 3

C1 About the installation *continued*

C1.3 The proposed variations

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;
- an indication of the variations to the conditions of the permit that you wish to apply for.

Document reference number for the summary:

Annex 4 & Project Description Document in Annex 5

C1.4 Site maps and reports

Are you proposing any change in operation that would result in additional land being included within the site of the installation?

Yes No

Please provide:

C.1.4.1

A site report, describing the condition of the site of that part of the installation in respect of which you are applying for a variation, and, in particular, identifying any substance in, on or under the land which may constitute a pollution risk. A baseline report assessing the state of the groundwater and land may also be required by the Authority.

Document reference number for the report:

Annex 6

C1.4.2

A suitable map (or maps) showing the location of the site of the installation, and the area for which a variation of the IPPC permit is being applied for. The outline of the site and the area requiring the variation should be clearly marked in colour, and the surroundings of the site should be included in the map.

Document reference number for map(s):

Annex 7

C1.4.3

Suitable block plans, properly labelled, showing any changes to the location and nature of the various activities being proposed on that site.

Document reference number for plans:

Annex 7
Incinerator – activities related to the shredding of waste, refrigerated storage, incineration of waste and flue gas treatment.
Ancillary building – offices, laboratory, workshop and rest rooms.

All maps and plans submitted shall be to scale, using a scale rule. Soft copies of plans should be submitted in .pdf format only.

C2 Your proposed techniques

Please provide written information about the aspects of your installation listed below. We need this information, and that which you give in response to C3 and C4, to determine whether you will operate the installation in a way which meets all the environmental requirements of the IPPC Regulations.

In each case you should:

- address all of the issues set out in each question;
- justify your proposals against any indicative requirements contained in the relevant BREF guidance notes; and
- provide any other information about the installation which you think is relevant to that issue.

C2.1 Environmental Management System

Provide details of any changes to environmental management techniques resulting from your proposals.

Document reference number:

Annex 8

C2.2 Raw materials

Identify any changes to the raw and auxiliary materials to be used as a result of your proposals. Give details of quantities proposed to be used annually and submit respective MSDS sheets.

C2 Your proposed techniques *continued*

C2.4 Maintenance

Describe any changes to the maintenance programme for the installation.

Document reference number:

To be provided at a later stage

C2.5 Energy

C2.5.1: Describe any changes to the annual energy consumption, highlighting the main energy-consuming equipment, and generation by source and end-use (including information on energy generated on site, if applicable).

Document reference number:

Process Flow Diagram in Annex 10; Project Description Document Annex 5 section 2.15 & 2.24; BAT for waste incineration Annex 19 pp. 25-27; BAT for Slaughterhouses and animal by-products industries Annex 20 section 5.1.1.

C2.5.2: Describe the proposed basic measures for improvement of energy efficiency.

Document reference number:

Annex 9

C2.3 Proposed activities

Describe any changes to the installation activities and the proposed techniques and measures to prevent and reduce waste 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.

Submit a flow diagram summarising the proposed installation activities and indicating the changes.

Document reference number:

Project Description Document Annex 5 & Process Flow Diagram Annex 10

Document reference number:

Process Flow Diagram in Annex 10; Project Description Document Annex 5 section 2.15 & 2.24; BAT for waste incineration Annex 19 pp. 25-27; BAT for Slaughterhouses and animal by-products industries Annex 20 section 5.1.1.

C2.6 Water

Provide a breakdown of any changes to the proposed annual water consumption by source and end-use.

Document reference number:

No changes to proposed water consumption by the installation are being proposed. Process Flow Diagram in Annex 10; BAT for waste incineration Annex 19 pg.24; BAT for Slaughterhouses and animal by-products industries Annex 20 section 5.1.1.

C2.7 Risk assessment

Describe any changes to the documented system used to identify, assess and minimise the environmental risks and hazards of accidents and their consequences. Include any

changes to emergency plans in case of fire and other emergencies.

Document reference number:

Emergency Response Plan Annex 11

C2.8 Training

Please indicate whether any changes to the staff training programme will be required. Please submit the name of the technically competent person on site who will be responsible for such training.

Document reference number:

Staff shall be trained on the use and maintenance of new equipment

C2.9 Cessation

Describe any changes to the proposed measures upon definitive cessation of activities, 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).

Document reference number:

Annex 12

C2.10 Multi-operator installations

Where you are not the only operator of the installation, 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.

Document reference number: No changes foreseen

C3 Your proposed emissions *continued*

C3.1.3: Describe how each waste stream identified in C3.1.1 is proposed to be recovered or disposed of and, 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.

Document reference number:

Animal by-products to be treated via rendering process. By-product of rendering process and other waste streams to be incinerated.

C3.2 Emissions to Groundwater

Identify if there may be a discharge of any List I or List II substance as a result of your proposals, and if any are identified, explain how the requirements of the Groundwater Regulations (LN 203 of 2002) have been addressed.

C3 Your proposed emissions

In response to the following questions, please provide written information about the emissions which will result from the techniques you described in response to the questions in section C2.

You should also provide any other information about the installation which you think is relevant to that issue.

C3.1 Waste

C3.1.1: Characterise (using the European Waste Catalogue code – Schedule 1 of LN 337 of 2001) and quantify any changes to each waste stream from the installation.

Document reference number:

Annex 4

C3.1.2: Describe any changes to the proposed measures for waste management, storage and handling.

Document reference number:

Proposed Variations Annex 4 & Project Summary Document Annex 5

Document reference number:

No changes foreseen

C3.3 Emissions to Sewer

C3.3.1: Is a new sewer connection envisaged as a result of your proposal?

Yes No

If yes, please submit a block plan of the site, showing the proposed layout of sewer connections and any other drains (colour-coded), as well as the proposed discharge point(s).

Document reference number:

Not applicable

C3.3.2: If a new sewer connection is envisaged, does the installation have a Sewer Discharge Permit?

Yes No

Please submit a copy of the permit, or of the submitted application if the permit has not yet been issued.

Document reference number:

Application for Sewer Discharge Permit in Progress. Copy provided in Annex13

C3.3.3: Could the proposal involve the release of any Schedule A or Schedule B substance into the sewers?

Yes No

If yes, explain how the requirements of LN 139 of 2002 have been addressed.

Document reference number:

A waste water treatment plant shall be installed.

C3.4 Emissions to the Sea

Identify if the proposal may result in a direct discharge of any List I or List II substance to coastal (up to 1 nautical mile from the coast line) or territorial waters.

Yes No

If any are identified, explain how the requirements of the Discharge of Dangerous Substances Regulations (LN 213 of 2001) have been addressed.

Document reference number:

Not applicable

In addition, please submit a block plan of the site, showing the proposed discharge point to the sea.

Document reference number:

Not applicable

C3.5 Emissions to Air

Identify if there may be any changes in emissions of substances to air.

Yes No

If any are identified, submit details of each emission point, the nature and the proposed quantities of substances emitted from each point. A block plan of the site showing each emission point should be submitted.

Document reference number:

Annex 14

C3.6 Emissions to Land

Identify if there may be any changes in emissions of substances to land.

Yes No

If any are identified, submit details of the nature and the proposed quantities of substances emitted to land, as well as a map showing the proposed location of such emissions.

Document reference number:

Not applicable

C3 Your proposed emissions *continued*

C3.7 Noise

Describe:

C3.7.1: The main sources of noise and vibration (including infrequent sources) of the proposal;

C3.7.2: The proposed techniques and measures for control of noise;

C3.7.3: The nearest noise sensitive locations and distance away from the site (a site map may be submitted for this purpose); and

C3.7.4: Relevant environmental noise measurement surveys which have been undertaken (using a standard methodology such as BS4142).

Document reference number:

Annex 15

C3.8 Monitoring

Describe the proposed measures for monitoring emissions arising from the proposal, including any environmental monitoring. The following must be specified:

C3.8.1: The location of each proposed monitoring point (plotted on a suitably-labelled block plan of the site);

C3.8.2: The substances (in each environmental medium) which are proposed to be monitored;

C3.8.3: The frequency with which monitoring is proposed to take place;

C3.8.4: The proposed measurement methodology, which should be a standard methodology, such as EN or ISO standard, or equivalent;

C3.8.5: The proposed procedure for evaluation of the results.

Document reference number:

No changes foreseen

C3.9 Summary

By means of a mass flow diagram, summarise the emissions and waste described in sections C3.1, C3.2, C3.3, C3.4, C3.5, and C3.6 of this application.

Document reference number:

Annex 10

C4 Impact on the environment

Please provide written information about the impact your emissions may have on the environment.

You should:

- address all of the issues set out in the section;
- justify your proposals;
- provide any other information about the installation which you think is relevant to that issue.

C4.1 Environmental effects

Provide an assessment of the potential significant environmental effects (including transboundary effects) of the foreseeable emissions from the proposal.

Document reference number:

EIA Addendum Annex 16

C4.2 Effects on other sites

Provide an assessment of whether the proposal is likely to have a significant effect on another site in Malta and, if it is, provide an assessment of the implications of the installation for that site.

Document reference number:

EIA Addendum Annex 16

C5 Environmental statements**C5.1 Environmental statement**

Has the development of the installation (or any subsequent change or extension of the development) required an environmental statement (EIS or EPS) under LN 204 of 2001 on the assessment of the effects of certain public and private projects on the environment?

Yes No

If yes, please supply a copy of the environmental statement submitted and details of any decision made.

Document reference number:

EIA Addendum Annex 16

C6 Statutory consultees

We will use the information in this section to identify who we must consult about your proposals.

C6.1 Local council

In which area is the installation located? If premises are on a boundary please give the names of all the relevant authorities.

Marsa

C6.2 Other sites

Are there any other sites which may be affected by emissions from the proposal? (Refer also to your answer to C4.2).

Yes No

If yes, please give the names of the sites:

C6.3 Port Authority

Could the installation involve the release of any substance into a harbour managed by a port authority?

Yes No

If yes, please name the port authority:

C7 Planning status

C7.1 Planning status

Which of the following applies to the proposed installation activities?

We cannot issue a permit unless one of the following applies. Please tick the applicable answer and submit a copy of the relevant documents.

You have planning permission.

Document reference number:

You have a certificate of lawful existing use or development.

Document reference number:

Planning permission is not required - please say why and enclose written confirmation from the Planning Directorate at MEPA.

Document reference number:

If you have submitted an application for planning permission which has not yet been determined, please provide a copy of the application.

Document reference number:

TR 148880

C8 Technically competent person

Technically competent person

We need to make sure that whoever holds the permit is a 'technically competent person'. This includes consideration of relevant offences, technical competence and financial provision.

C8.1 Technically competent management

Please describe any changes to the technically competent management of the activities.

Please give details for each person and provide written evidence.

Responsible person 1:

Full Name: Mary Grace Micallef
Position: Assistant Facility Manager
Date of employment: 01/09/03

Document reference number for copies of relevant qualifications:

Annex 17

Responsible person 2:

Full Name: Ramon Vella
Position: Incinerator Engineer
Date of employment: 09/12/09

Document reference number for copies of relevant qualifications:

Annex 17

Responsible person 3:

Full Name:
Position:
Date of employment:

Document reference number for copies of relevant qualifications:

Responsible person 4:

Full Name:
Position:
Date of employment:

Document reference number for copies of relevant qualifications:

C8.2 Management of other installations

Is any of the technically competent management already providing the technically competent management at other IPPC installations or at sites licensed under the Environmental Protection Act 2001?

Yes No

If yes, please use a separate sheet to give details of these people. For each person we need to know the:

- site/installation name and address;
- licence/permit reference number.

Document reference number for this information:

Not applicable

C9 Expenditure plan

C9.1 Expenditure plan

Please provide a plan of the estimated expenditure for each phase of the following specified activities arising from your proposal.

The plan should include the likely costs of:

- monitoring (emission/discharge and ambient monitoring);

Appendix I Data Protection Clause

In terms of the Data Protection Act (Chapter 440 of the Laws of Malta), we will process any personal and/ or sensitive data supplied on/ in this submission or subsequently supplied by yourself, whether orally or in writing, for all or any of the following purposes:

1. The proper processing of your submission;
2. internal management, research and statistics;
3. the protection and promotion of our legitimate interests and the proper conduct of our obligations arising under any law or statutory instrument; and
4. to make public the necessary information as specified in the relevant law and/or instrument.

Relevant data will be disclosed or shared as appropriate with all our employees and with other third parties if pertinent to any of the purposes listed above.

You have the right to require that we provide you with access to your **personal data** as well as the right to rectify, or, in appropriate circumstances, erase/edit any inaccurate, incomplete or immaterial personal data which is

- clearing the installation (including drainage systems) of all wastes;
- 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 the final permit.

Document reference number for expenditure plan:

No changes foreseen

C10 What to do next

Please read Appendix I, then prepare and sign a covering letter to attach to your application form.

being processed. However, you are required to inform us immediately of any alterations relating to your personal data which we are processing.

By sending your submission, you confirm that you are giving your explicit consent, in terms of the Data Protection Act, on behalf of yourself and all the other persons specified in this submission for the Authority to process your respective personal information as outlined above and you confirm that you have brought this Data Protection notice to the attention of these other persons and obtained their respective consents.

We undertake to implement appropriate measures and safeguards for the purpose of protecting the confidentiality, integrity and availability of all personal data processed.