

## Environmental Permit

Environment and Development Planning Act (CAP. 549)

Permit number  
**EP 0034/17/A**

The Environment and Resources Authority (hereinafter the Authority; the Competent Authority or ERA) in exercise of its powers under the Environment Protection Act (CAP. 549) and applicable subsidiary legislation referred to in this permit hereby authorises:

**Pisciculture Marine de Malte Ltd.** (hereinafter “the Operator” or “the Permit Holder”),

Of / Whose Registered Office (or principal place of business) is at

**Triq I-Imgiebah,  
Mellieha,  
MLH 2480**

(Company registration number: **C 12129**)

to operate installations at

**Pisciculture Marine de Malte Ltd.  
Triq I-Imgiebah,  
Mellieha,  
MLH 2480**

to the extent authorised by and subject to the conditions of this Permit.

This permit is valid for four (4) years from the date below. An application for renewal of this permit is to be submitted at least six months prior to expiry of this permit.

Signed	Date
Prof. Victor Axiak Chairman	<u>20 / 06 / 2018</u>

**Authorised to sign on behalf of the Competent Authority**

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## Conditions

### 1 General

The Permitted Installation shall, subject to the conditions of this Permit, be managed, controlled and operated as described in the EP Application, or as otherwise previously agreed in writing by the Authority.

#### 1.1 Status Log

Detail	Date
<i>EP application</i>	16 <sup>th</sup> January 2017
<i>Pre permit inspection</i>	14 <sup>th</sup> December 2016
<i>Permit Issued</i>	20 <sup>th</sup> June 2018

#### 1.2 Permitted Activities under the EPA

1.2.1 The Operator is authorised to carry out the activities and the associated activities specified in Table 1.2.1.

Activity	Description of specified activity	Limits of specified activity
Land based support facility for fish farming operations NACE code 10.20	Associated operations related to offshore aquaculture (closed cycle species)	From receipt of related materials, processing of fish, maintenance of equipment and disposal of waste
Associated activity of storage of dry feed	Storage of fish feed pellets in bags	From receipt of feed and temporary storage to transport off site for preparation prior to transfer offshore
Associated activity of cleaning, repair and maintenance of nets and small vessels	Drying, repair and maintenance of nets, manufacturing of new cages and net cleaning	From maintenance activity, to appropriate recovery/ disposal of any wastes generated
Associated activity of fish processing	Receipt of closed cycle species from offshore site for processing (using grading machine) within the fish packaging area	From receipt of fish, to processing (in preparation for export) and collection of effluents and solid wastes through the permitted treatment system
Associated activity of utilities	Refuelling activities to stand alone diesel tank and stand by generator	From entry of road tankers for delivery of diesel, to transfer to two fuel tanks.  From filling of jerry cans with

		diesel from the stand alone diesel tank for refuelling of vessels.
Associated activity of disposal / recycling of waste materials	Handling, storage and disposal/ recovery of wastes from installation	From generation of waste to disposal or recycling off site

### 1.3 Site

- 1.3.1 The activities authorised under condition 1.2.1 shall not extend beyond the Sites, as shown on the Site Map in Schedule 2 of this Permit.

### 1.4 General Conditions

- 1.4.1 The conditions and obligations of this permit are without prejudice to any other regulation, code of practice, conditions or requirements requested by other Authorities or entities, including but not limited to, the Planning Authority, the Occupational Health and Safety Authority, Malta Transport and the Regulator for Energy and Water Services (REWS).
- 1.4.2 This permit is granted saving third party rights. The Permit Holder is not excused from obtaining any other permission required by law.
- 1.4.3 A copy of this permit shall be available at all times on site at the permitted facility, including any Variation Notices or amendments to it.
- 1.4.4 All persons have a duty of care to protect the environment. The operator shall become familiar with his legal obligations and good environmental practice.
- 1.4.5 The site shall be maintained in a tidy condition, free from litter and waste (whether arising from own activities or external sources).
- 1.4.6 The site must be well secured at all times.
- 1.4.7 The permit holder shall maintain a register of third party complaints. The register shall record the name and address of the complainant(s), the date, location, source and nature of the complaint and the corrective action undertaken, where such action proves necessary.
- 1.4.8 A Site Notice shall be installed and displayed in a prominent position such as to be readily visible by the public. The notice shall contain the following information.
- a. State that the site operates under an Environmental Permit issued by ERA.
  - b. Provide the Permit Number and the name of the Permit holder.
  - c. Provide a 24-hour emergency contact name and telephone number for the Permit holder.

- 1.4.9 All plant, equipment and technical means used in operating the Permitted Installation shall be maintained in a good operating condition and without causing potentially polluting leaks and spillages. The operator shall keep maintenance records.
- 1.4.10 The Permitted Installation shall be managed, controlled, supervised and operated by staff who are aware of the importance of environmental protection and suitably trained on the requirements of this Permit, particularly on those conditions relevant to their duties. All staff shall be provided with adequate training and written operating instructions to enable them to effectively carry out their duties. Such training shall be recorded.
- 1.4.11 The Authority may, on the joint application of an operator and a proposed transferee, transfer to the proposed transferee the environmental permit. The transfer of the permit will not relieve any of the operators from their environmental obligations and liabilities.
- 1.4.12 The Authority shall carry out regular compliance checks that vary in frequency according to the site's compliance with the permit conditions. Any such checks carried out by the Authority may be made at the Permit holder's financial expense.
- 1.4.13 The Authority's representatives are empowered to inspect every part of the site and ask for any closed or locked areas to be opened. They are also entitled to be given any proof, documentation, plans, receipts or any other records which the Authority representatives may request.
- 1.4.14 The Authority may add, amend, substitute or revoke any of the conditions of this permit after notifying the Permit Holder of its intention and after describing the changes to the Permit Holder. This, without prejudice to any prevailing circumstances that would preclude the Authority from following such a procedure.
- 1.4.15 The validity of this permit is until 20<sup>th</sup> June 2018. The Permit Holder may renew the permit upon application with the Authority expressing his/her intention at least six (6) months prior to the expiry of the permit. The permit will be considered renewed once the official renewed permit is issued by the Authority.
- 1.4.16 This permit is issued against a **Bank Guarantee** of **€11,000** which shall be renewed annually. This guarantee will have to be maintained throughout the lifetime of the permit. Following renewal and/or variations to this permit, the Authority may require amendments to the Bank Guarantee
- 1.4.17 The Authority may take part or all of the financial guarantee if the Permit Holder fails to take the necessary action in cases of non-compliance with these permit conditions, the Act or any subsidiary legislation thereof, or in cases where environmental integrity is threatened. This bank guarantee is without prejudice to any environmental liabilities incurred by the operator through failure to adhere with permit conditions. Should the Authority forfeit the Bank Guarantee either in part or in full, the operator shall ensure that this is replenished without undue delay.
- 1.4.18 The Authority may suspend or revoke this environmental permit or part of this environmental permit where significant mismanagement of the site is observed or any of the permit conditions are not respected after a written warning is given by the

Authority or in any eventuality that gives the Authority enough reason to suspend or revoke this permit.

- 1.4.19 The Authority may request additional monitoring and/or review of the operational practices and commission audits on the installation as deemed necessary to address any circumstances that may affect the quality of the surrounding environment. Any required monitoring and/or audits may be carried out at the expense of the Permit Holder.
- 1.4.20 Without prejudice to condition 1.4.19, the Authority may take any action deemed necessary including but not limited to the suspension of any activity/operation until investigations are concluded.
- 1.4.21 The Operator shall undertake all necessary measures and precautions to prevent spillage of raw materials, intermediates, products, waste and any other materials.

## 1.5 Improvement Programme

- 1.5.1 The Operator shall complete the improvements specified in Table 1.5.1 by the date specified in that table, and shall send written notification of completion of each requirement to the Authority within 10 working days of completion of each requirement.

<b>Table 1.5.1: Improvement programme</b>		
<b>Reference</b>	<b>Requirement</b>	<b>Deadline</b>
1.	Installation of a site notice as per condition 1.4.8.	Within 1 month of issue of the permit
2.	To install a secondary containment surrounding the FA1 dispensing area.	Within 1 month of issue of the permit
3.	Submission of an Environment Management System (EMS) in line with the requirements in Schedule 3.	Within 3 months of issue of the permit
4.	To install a secondary containment surrounding the stand by generator.	Within 3 months of issue of the permit
5.	Submission of certification from a third party warranted engineer confirming appropriate secondary containment of the bunds surrounding the stand by generator and the stand alone diesel tank, constructed in accordance with condition 2.5.1.	Within 3 months of issue of the permit
6.	Submission of certification by an independent warranted engineer showing that the cesspit is in line with the requirement of Schedule 1, activity 43 of S.L. 549.45.	Within 3 months of the date of issue of the permit

## 1.6 Off-site Conditions

- 1.6.1 The operator shall ensure that no materials or waste escape to the environment during transport offsite or onsite.

## **1.7 Operational Changes**

1.7.1 The operator may apply for a variation in permit and shall seek the Authority's written agreement prior to any operational changes, by sending to the Authority:

- a. Written notice of the details of the proposed change, including an assessment of its possible effects (including changes in emissions and waste production) on risks to the environment from the Permitted installation;
- b. Any relevant supporting information (e.g. chemical/fuel consumption, technical details, changes in the type/use of substances/mixtures, etc.);
- c. Any relevant supporting assessments and drawings, and;
- d. The proposed implementation date.

Any such change shall only be implemented following the issue of a variation of the permit by the Authority.

1.7.2 The Permit Holder shall give written notification as soon as practicable prior to any of the following:-

- a. cessation of operation of part or all of the Permitted Installation for a period likely to exceed 1 year; and
- b. resumption of the operation of part or all of the Permitted Installation after a cessation notified under condition a.

1.7.3 The Permit Holder shall notify the following matters to the Authority in writing within 10 working days prior to their occurrence:-

- a. any change in the Permit Holder's trading name, registered name or registered office address;
- b. any change to particulars of the Permit Holder's ultimate holding company (including details of an ultimate holding company where a Permit Holder has become a subsidiary).

## **2 Operating Conditions**

### **2.1 Emissions to Air**

2.1.1 All processes which generate significant levels of airborne contaminants (such as dusts, toxic gases, odour chemicals) shall have effective local collection and shall discharge (after treatment where necessary) through a stack or vent located and/or designed in such a way to minimise impact on human health and the environment or as otherwise agreed upon with the competent Authority.

2.1.2 Emissions to air shall only arise from the emission points specified in Table 2.1.2.

**Table 2.1.2 : Emission points to air**

Emission point references <sup>1</sup>	Source
PS 1	Stand by generator

- 2.1.3 Should the Operator intend to install equipment which could lead to additional emissions to air (e.g. boiler, etc.), a variation of this Permit must be secured prior to installation and operation of this equipment.
- 2.1.4 Diesel (gas oil) used for the generators shall have a Sulphur content not greater than 0.1%.
- 2.1.5 Only diesel (gas oil) shall be utilised as a source of fuel for the generators and the co-incineration of any material or additional fuel including engine or other waste oil is strictly prohibited. Any change in fuel type shall require the notification and approval of the Authority prior to commencement of its utilisation.
- 2.1.6 The Authority may request emissions monitoring from generators as deemed necessary. The operator shall submit certification for the emergency generator referred to Table 2.1.2 from an independent warranted engineer showing that the generators are in good working condition every 4 years. The certification shall be submitted as part of the Annual Environmental Report (AER).
- 2.1.7 The generator shall be compliant with the provisions of S.L 549.59, Ambient Air Quality Regulations, and any other applicable subsidiary legislation
- 2.1.8 The exhaust from general building ventilation (e.g. extractors or fans in walls or roofs) shall be vented in such a way as to avoid adverse environmental effects and in accordance with applicable legislation in this regard.
- 2.1.9 In the case of breakdown or equipment malfunction, the Operator shall reduce or close operations as soon as practical until normal operation can be restored.
- 2.1.10 In the event of malfunction or breakdown leading to abnormal emissions the Operator must:
- a) Investigate immediately and undertake corrective action, and
  - b) Adjust the process or activity to minimise those emissions, and
  - c) Record the events and actions taken.
  - d) In the event of non-compliance causing immediate danger to human health, operation of the activity must be suspended and the Competent Authority informed within 24 hours.
- 2.1.11 Further to condition 2.1.10, the operator shall, at the written request of the Authority and within 10 working days, identify the specific cause of the of the abnormal emission and examine means for its elimination or minimisation including:

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<sup>1</sup> According to Section 7 of the original Environmental Permit application



- a) Relocating / redesigning /extending the stack(s) or vent(s) to a point where the issue is minimised.
  - b) Replacement of fuel.
  - c) Preventative measures such as replacement of process materials (e.g. odorous solvents) by more environmentally sensitive compounds.
  - d) Improved storage of materials.
  - e) Use of additional abatement measures.
- 2.1.12 All abatement equipment and ducting shall be cleaned and maintained on a regular basis and record of such maintenance is to be kept in accordance with Condition 3.1 of this permit (as per manufacturer specifications).
- 2.1.13 The Operator shall prevent or where that is not practicable reduce fugitive emissions of substances to air from the Permitted Installation. Any alternative techniques to be applied by the Operator shall be no less effective and shall be approved in writing by the Authority prior to their implementation.

## **2.2 Effluent discharges**

### **General conditions**

- 2.2.1 The operations of the installation shall not hinder the achievement of good status for surface and groundwater as required under the Water Policy Framework Regulations, SL 549.100.
- 2.2.2 The operator shall not allow the introduction into groundwater of any substance included in the Regulations for the Protection of Groundwater against pollution and deterioration (SL 549.53). The operator shall also not allow any discharges to groundwater for substances other than those specified in the Regulations unless specifically permitted by the Malta Resources Authority.
- 2.2.3 No discharges to surface waters or groundwater shall take place at the installation.
- 2.2.4 Rainwater shall not be discharged into the sewer. Foul sewer drains must be strictly segregated from stormwater drains. The operator shall endeavour to collect rainwater in a suitable reservoir or cistern.
- 2.2.5 Rainwater shall be segregated from all process areas that are potentially contaminated with raw materials, intermediates and/or products. If this is not possible, rainwater from areas where contamination by oil or chemicals is likely (such as loading/unloading and banded areas) shall pass through an adequately sized interceptor or a suitable waste water treatment system.

### **Cesspits**

- 2.2.6 Cesspits shall be constructed according to the requirements of Subsidiary Legislation 549.45, Activity 43 as follows:

- a. Cesspits are to be constructed in such a manner so as not to allow any leakages or spillages to the surrounding environment, and are designed in such a manner as to safely contain the type of waste that they are designated to store.
- b. Cesspits are appropriately designed to avoid the accumulation of explosive, toxic or corrosive gasses.
- c. The area surrounding the cesspit should be covered with impervious material and laid to fall towards the cesspit.

## **2.3 Emissions to Land**

- 2.3.1 There shall be no emissions to land from the permitted installation.
- 2.3.2 Any maintenance works and repairs to vehicles shall be limited to those of a minor or routine nature and shall only include operations that do not result in polluting water or air.
- 2.3.3 Vehicle maintenance is to be carried out on an impervious surface such as sealed asphalt or cement, where a thorough clean up of any spillages of oil, lubricants etc can be readily undertaken.
- 2.3.4 In the event of accidental contamination of land, the operator shall notify the Authority within 24 hours, forward a decontamination plan for the Authority's approval and execute it within an agreed time frame.

## **2.4 Waste**

### **Waste storage and handling**

- 2.4.1 All operations concerning the management of waste are subject to Subsidiary Legislation 549.63, the Waste Management Regulations, and Subsidiary Legislation 549.45, the Waste Management (Activity Registration) Regulations.
- 2.4.2 All wastes shall be stored within a designated and controlled storage area(s) prior to ultimate disposal.
- 2.4.3 Wastes to be recycled shall be stored in a designated container or area and shall not be mixed with other wastes.
- 2.4.4 The storage of Hazardous Waste should comply with the requirements of the Subsidiary Legislation 549.63, the Waste Regulations.
- 2.4.5 Any liquid or hazardous wastes shall be stored in a labelled, closed container(s) within a designated and controlled storage area(s) prior to ultimate disposal. Wastes of different natures and having different European Waste Catalogue codes as established by Commission Decision 2000/532/EC and any subsequent amendments shall not be mixed in the same container.

**Waste recovery or disposal**

- 2.4.6 All wastes leaving the site after storage and/or processing must only be sent to facilities licensed to accept the individual waste stream, either locally or abroad.
- 2.4.7 Packaging material which came into contact with hazardous substances shall be regarded as hazardous waste and stored in dedicated waste management areas.
- 2.4.8 No storage of waste destined for disposal is permitted for a period exceeding 12 months.
- 2.4.9 No storage of waste destined for recovery is permitted for a period exceeding 3 years.
- 2.4.10 On-site disposal of wastes by any means including burning, disposal to surface water, burying or deposition on land is prohibited.
- 2.4.11 Producers of packaging shall register with ERA and provide the required information, as well as achieve the targets as set out in S.L. 549.43, Waste Management (Packaging and Packaging Waste) Regulations. Documentation as evidence of such should be maintained for a period of 3 years and be made available, upon request by the Authority.
- 2.4.12 The operator is to prevent litter or other wastes escaping from the site boundaries, particularly during loading/unloading. Any such escape of waste shall be collected immediately upon detection.
- 2.4.13 No storage of waste, equipment or materials is permitted on property outside the site premises.
- 2.4.14 Transboundary movement of waste shall be carried out in accordance with the following regulations, as amended from time to time:
- a) Regulation (EC) N° 1013/2006 of the European Parliament and of the Council of 14 June 2006 on shipments of waste;
  - b) Commission Regulation (EC) N° 1418/2007 of 29 November 2007 concerning the export for recovery of certain waste listed in Annex III or IIIA to Regulation (EC) N° 1013/2006 of the European Parliament and of the Council to certain countries to which the OECD Decision on the control of transboundary movements of waste does not apply; and
  - c) Any other applicable legislation.
- 2.4.15 The Permit Holder shall ensure to keep records for every consignment of wastes removed from the Site indicating the EWC Code, description, quantities, date of removal, contractor name (including for transport), consignment note number (where applicable) and manner and place of final disposal/recovery.
- 2.4.16 Disposal certificates shall be kept on record and made available for inspection for a period of at least 3 years from date of their issue.

- 2.4.17 Movement of hazardous waste to authorised facilities shall be covered by a valid consignment permit obtainable from the Competent Authority. Each movement shall also be covered by a consignment note obtainable from the Authority.

### **Restriction on Disposal of Dead Fish**

- 2.4.18 Dead specimens shall not be disposed of into the environment.
- 2.4.19 Disposal of animal carcasses shall be carried out as directed by the Veterinary and Phytosanitary Regulation Division.

## **2.5 Storage**

- 2.5.1 All containers for bulk fuel, oil, chemicals and liquid waste storage shall be properly designed, located, labelled, banded and maintained so as to prevent accidental spillage. Incompatible chemicals shall not be stored within the same bund. The capacity of the bund shall be a minimum of 110% of the largest tank within the bund or 25% of the total capacity of all the tanks within the bund, whichever is greater and shall be impermeable. All filling and off-take points shall be located within the bund.
- 2.5.2 Chemicals of different properties shall be stored as specified in respective MSDS sheets. Such sheets shall be made available and accessible to personnel responsible for the management of the storage areas and for inspection by the Competent Authority. Incompatible chemicals shall not be stored within the same bund.
- 2.5.3 Drums and containers of paints/solvents/chemicals/oils shall be stored in designated and secure storage areas. Storage areas shall be banded or otherwise designed so that surface and ground waters cannot be contaminated by spillages.
- 2.5.4 Spillages of oil or other hazardous material shall receive immediate attention to prevent escape to drain, surface water or land. Spilled material shall be disposed of in an appropriate manner.

## **2.6 Ozone Depleting Substances and Fluorinated Greenhouse Gases**

- 2.6.1 All installation, maintenance and servicing of equipment containing Fluorinated Greenhouse Gases (namely refrigeration, firefighting, electrical switchgear) shall abide by the requirements of Regulation (EU) No 517/2014 on fluorinated greenhouse gases and repealing Regulation (EC) No. 842/06, Commission Regulation (EC) Nos 1516/07, 304/08, 306/08, 1497/07, 307/08, 1191/14, 2065/15, 2066/15, 2067/15, 2068/15, 879/16 and Subsidiary Legislation 549.55, the Regulations on Certain Fluorinated Greenhouse Gases.
- 2.6.2 Upon decommissioning of all equipment containing substances falling within the scope of Regulation (EU) No 517/2014 on fluorinated greenhouse gases and repealing Regulation (EC) No. 842/2006, or containing foam and insulation panels utilising such substances. The waste gas shall be treated as hazardous waste and any foam containing components need to be disposed of at specialised facilities where possible ODS/ F-gas can be extracted prior to disposal.

- 2.6.3 No new equipment or components (including refrigeration and fire fighting equipment or insulation foam), containing substances falling within the scope of EC Regulation No. 1005/2009 on substances that deplete the Ozone Layer & Subsidiary Legislation 549.58 Substances that deplete the Ozone Layer, regulations, shall be installed within the site.
- 2.6.4 Any new equipment installed on site utilising Fluorinated Greenhouse Gases, information pertaining to installation, maintenance and servicing shall be provided as prescribed in Schedule 1 when any equipment is replaced by new equipment, the authority shall be notified in this regard and details provided on the new equipment installed.

## **2.7 Accident prevention and control**

- 2.7.1 Contingency procedures for incidents shall be in place which shall include actions to be taken in the case of incidents which could affect the environment, such as chemical/ fuel spills. The procedures shall indicate how accidental releases of chemicals and fuels are to be managed as specified in the respective MSDS sheets.
- 2.7.2 Spillages of oil or other hazardous materials shall receive immediate attention to prevent escape to drain, surface water or land. Spilled material shall be disposed of in an appropriate manner. Kits for the collection of liquid and powder spills shall be available on site at strategic locations.

## **3 Records**

- 3.1 The Operator shall ensure that all records required to be made by this Permit and any other records made by it in relation to the operation of the Permitted Installation shall:-
- a. be made available for inspection by the Authority upon request;
  - b. be supplied to the Authority on demand and without charge and in the format requested;
  - c. be legible;
  - d. indicate any amendments which have been made and shall include the original record wherever possible; and
  - e. be retained at the Permitted Installation, or other location agreed by the Authority in writing, for a minimum period of 3 years from the date when the records were made, unless otherwise agreed in writing.
- 3.2 A daily operations log should be kept on site in which the following information shall be recorded on a daily basis:
- a. Any incidents that took place on site such as mechanical faults in the machinery or equipment used on site, any spills, fires etc. and the remedial action.
  - b. Any maintenance and inspections carried out on machinery and equipment.

- c. Complaints on the permitted facility originating from third parties or regulatory bodies including details about the location of origin.
  - d. Total amount of waste in kilos removed from site for disposal or further treatment
- 3.3 Each record shall be compiled within 24 hours of the relevant event. The records kept the daily operations log shall be available for inspection at any time when the Authority representatives request to inspect them.

## **4 Reporting**

- 4.1 All reports and written and/or verbal notifications required by this Permit shall be made and sent to the Authority using the contact details notified in writing to the Operator by the Authority.
- 4.2 The Operator shall submit to the Authority an Annual Environmental Report (AER) of the previous year by not later than end of March of each year, providing the information listed in Schedule 1 of this Permit and in the format specified therein.

## **5 Management and Technically Competent Person**

- 5.1 All employees authorised by the Permit Holder to undertake activities on his/her behalf, shall be fully conversant with the obligations of this permit and shall be individually aware of their responsibilities and liabilities in observing the conditions of this permit.
- 5.2 One member of the staff should be nominated as the Technically Competent Person (TCP) of the site, whereby this person is to physically represent the Permit Holder during the times when the Permit Holder will not be available.
- 5.3 The TCP is responsible for the implementation of all the obligations stipulated in this permit, must supervise the rest of the staff on site and is completely responsible to ascertain that all permit conditions are being adhered to and that unauthorised waste does not enter the site.
- 5.4 The TCP is to be present at all times on site and in her/his absence another member of staff is to substitute him/her temporarily. In the event that a TCP terminates her/his employment, another person shall be appointed as a TCP immediately and the Authority shall be informed of this change.
- 5.5 In the event of any short or long periods of sick leave or vacation leave taken by the TCP for a period exceeding 10 days, the Operator is obliged to find a replacement for that member of staff without delay;
- 5.6 In the event where operations cease temporarily, the TCP or Permit Holder are obliged to notify the Authority within two (2) days and are also to inform the Authority with regards to when the works are intended to resume.

- 5.7 All the staff on site should be fully aware of the procedures to be taken to contain any environmental hazard which may arise related to the activities being carried out on site.

## **6 Closure and decommissioning**

- 6.1 In the event of cessation of operations on the site, all wastes (including machinery and associated equipment) and hazardous materials (including fuels and chemicals) must be removed from the site such that any pollution risk is avoided and the site is returned to a satisfactory state. The Operator shall notify the Authority immediately upon a decision being taken to cease operations. In the case of full decommissioning, applicant shall submit a decommissioning plan in accordance with the terms of reference provided by the Authority for approval by the relevant Authorities. Surrender of the permit will be accepted following decommissioning as per agreed method statement and following confirmation that all necessary actions have been taken and records required by the Authority have been submitted.

## Schedule 1 Annual Environmental Report

### Important note

By this submission, you confirm that you give your explicit consent for the entire contents of this Annual Environment Report to be made available on the Authority's public website.

### S1.1 Introduction

Environmental Permit Number	
Reporting Year (Calendar Year: 1 January to 31 December)	
Name and locality of Site	
Brief description of activities at the site	

### S1.2 Environment Management System & Reporting

Please attach a supporting document with the following:

- |   |                          |
|---|--------------------------|
|   | Tick (✓)                 |
| 1. Environmental Policy containing the installation's environmental objectives and targets; | <input type="checkbox"/> |
| 2. Environmental Management Programme report (for the reporting period);                    | <input type="checkbox"/> |
| 3. Environmental Management Programme proposal (for the following year);                    | <input type="checkbox"/> |

### S1.3 Fuel Consumption Data

Equipment <sup>1</sup>	Fuel type	Sulphur Content of Fuel <sup>2</sup>	Fuel Consumption	Units
				tonnes
				tonnes

### S1.4 Waste Data

#### S1.4.1 Off-site transfers and exports of hazardous waste

Date of transfer	EWC Code	Quantity of waste (in kg)	Consignment note number	Name of facility receiving the waste

#### S1.4.2 Transport

Name(s) of registered waste carrier used during reporting year	Waste type(s) transported

<sup>1</sup> E.g. Boiler, generator, vehicles, etc. For vehicles, indicate only any fuel which is loaded on site (not at petrol stations).

<sup>2</sup> Specify units (e.g. as percentage, or mg/kg)



## S1.5 Data on Ozone depleting substances & Fluorinated greenhouse gases

**Table 1. Registration of equipment**

Equipment code	Type of equipment	Use	Charge		Type of substance
			Kg	CO <sub>2</sub> (eq)	
EQ 1					
EQ 2					
EQ 3					
EQ 4					
Continue as required					

**Table 2. Maintenance Schedule<sup>1</sup>**

Data Submitted for each scheduled inspection <sup>2</sup>	Equipment Code							
	EQ 1	EQ 2	EQ 3	EQ 4	EQ 5	EQ 6	EQ 7	Continue as required
Date of inspection								
All amounts of leakages detected (in Kg/ CO <sub>2</sub> equiv <sup>3</sup> )								
Actions taken to eliminate such leakages								
Quantity and nature of the substances involved								
Serial number of the personnel involved								
Quantities added <sup>4</sup> and/or recovered (in Kg/ CO <sub>2</sub> equiv).								

<sup>1</sup> (a) for equipment that contains fluorinated greenhouse gases in quantities of 5 tonnes of CO<sub>2</sub> equivalent or more, but of less than 50 tonnes of CO<sub>2</sub> equivalent: at least every 12 months; or where a leakage detection system is installed, at least every 24 months; (b) for equipment that contains fluorinated greenhouse gases in quantities of 50 tonnes of CO<sub>2</sub> equivalent or more, but of less than 500 tonnes of CO<sub>2</sub> equivalent: at least every six months or, where a leakage detection system is installed, at least every 12 months; (c) for equipment that contains fluorinated greenhouse gases in quantities of 500 tonnes of CO<sub>2</sub> equivalent or more: at least every three months or, where a leakage detection system is installed, at least every six months.

<sup>2</sup> Table to be repeated for every scheduled inspection as per 'footnote 1' above.

<sup>3</sup> Carbon Dioxide equivalent – use Annex 1 and Annex IV of EC517/2014 for calculation..

<sup>4</sup> The quantities of added fluorinated greenhouse gases are from recycled or reclaimed stocks, please include the name and address of the recycling or reclamation facility and, where applicable, the certificate number

## S1.6 Incidents and Complaints

### S1.6.1 Non-Compliance Incidents during Reporting Period

Date of incident	Brief description of Incident	Cause	Corrective action

Total number of non-compliance incidents for previous year:

Total number of non-compliance incidents for current reporting period:

### S1.6.2 Complaints made by the public or through Authority

Date of complaint	Description of complaint	Actions taken

Total number of complaints for previous year:

Total number of complaints for current reporting period:

## S1.7 Submission of certifications and documentation

Condition Number	Documentation
1.5.1	Improvement Programme Items as per Table 1.5.1
2.1.6	Submission of certification for the generators referred to Table 2.1.6 from an independent warranted engineer every 4 years or one year prior to the expiry of the permit, whichever comes first. The certification shall be submitted as part of the Annual Environmental Report (AER)
4.2	Submission of Annual Environmental Report (AER)

### Applicant's declaration

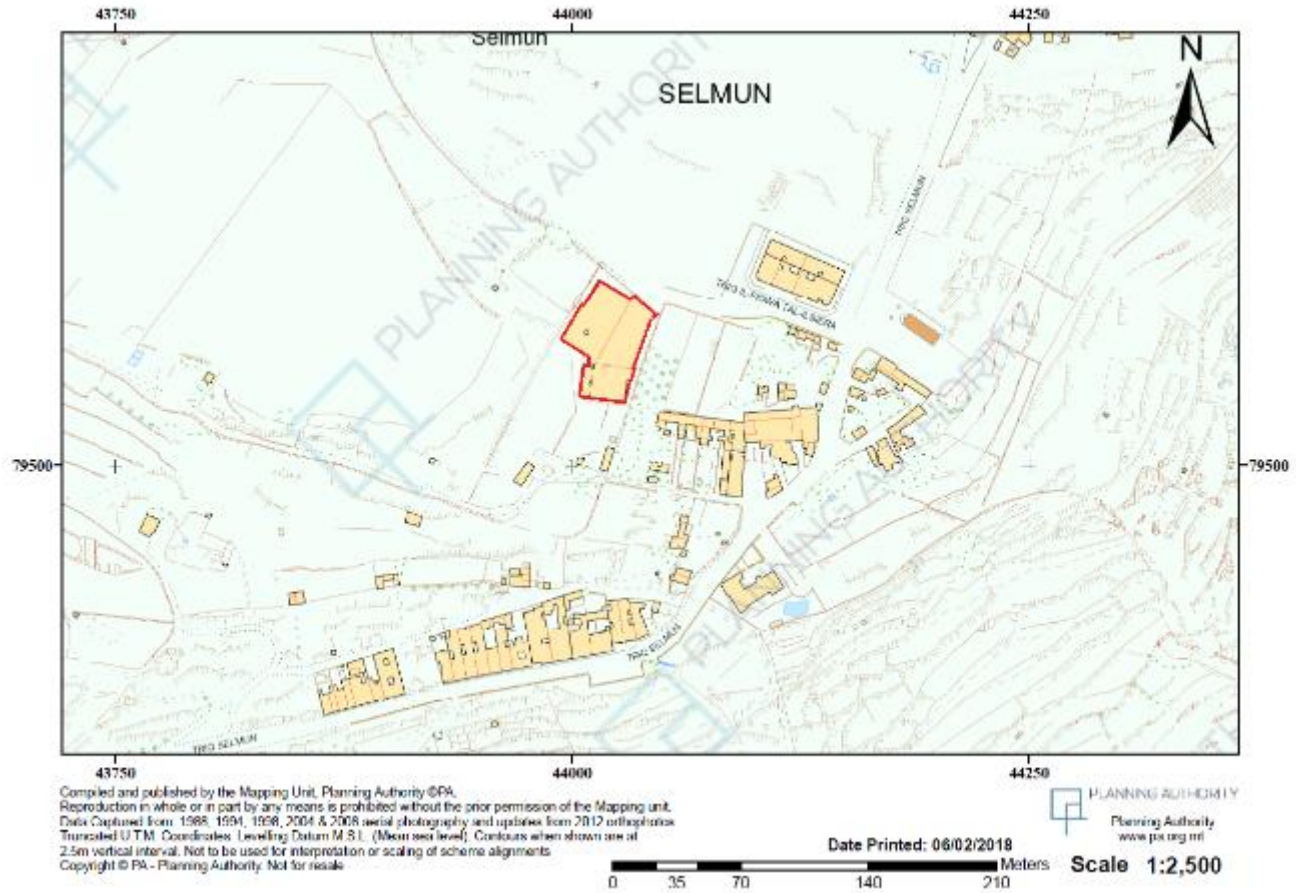
*I declare that, to the best of my knowledge, all the above information is correct and substantiated.*

.....  
Name  
(in block letters)

.....  
ID Card Number

.....  
on behalf of / in my own name  
(in block letters)

## Schedule 2 Site Map



**Fig. S2.1:** Site of installation, showing extent of area authorised for activity (outlined in red).  
*The extent of the site boundary is indicative and should not be used for interpretation purposes.*

### Schedule 3

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## Environment Management System

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Within the time frame specified in Table 1.5.1 of the permit, the Operator shall submit an EMS which should include, as a minimum, the following elements:

**1. Management and Reporting Structure**

This should in particular include the name of the person who will be responsible for managing environmental aspects of the installation. Relevant qualifications and experience should be listed, together with contact details (including a mobile number for emergency purposes).

**2. Environmental Objectives and Targets**

The section should include a review of all operations and processes, a commitment by the operator to continuous improvement, and identification of priority areas where improvement to the operations is necessary and practicable, such as:

- a. recycling of materials;
- b. minimisation of waste;
- c. efficient use of resources (especially water and energy);
- d. use of biodegradable chemicals;
- e. minimising use of solvents;
- f. procedures to minimise noise disturbance to neighbours;

Targets should be set for priority areas identified (e.g. minimising waste generation by \_\_\_% annually).

**3. Environmental Management Programme (EMP)**

This should include a time schedule for achieving the Environmental Objectives and Targets prepared under point 2 above. The time schedule should cover a period of 5 years. The EMP should include:

- a. designation of responsibility for targets;
- b. the means by which they may be achieved;
- c. the time within which they may be achieved.

Targets and performance should be reviewed annually as part of the EMS.

**4. Documentation**

A system of documentation should be established to ensure that records are kept of the priority areas chosen according to point 2. In addition, the operator should issue a copy of the environmental permit to all relevant personnel whose duties relate to any condition of the permit.

**5. Corrective Action**

The operator should establish procedures to ensure that corrective action is taken should the specified requirements of the environmental permit not be fulfilled. The responsibility and authority for initiating further investigation and corrective action in the event of a non-conformity with the environmental permit should be defined.

**6. Awareness and Training**

The operator should establish and maintain procedures for identifying training needs, and for providing appropriate training, for all personnel whose work can have an effect on the environment. Appropriate records of training should be maintained.

**7. Maintenance Programme**

The operator should establish and maintain a programme for maintenance of all plant and equipment based on the instructions issued by the manufacturer/supplier or installer of the equipment. Appropriate record keeping and diagnostic testing should support this maintenance programme. The licensee should clearly allocate responsibility for the planning, management and execution of all aspects of this programme to appropriate personnel.

**END OF PERMIT**