

Environmental Permit

Environment and Development Planning Act (CAP. 504; Act X of 2010)

Permit number

EP 0029/11/D

The Malta Environment and Planning Authority (hereinafter the Authority; the Competent Authority or MEPA) in exercise of its powers under the Environment and Development Planning Act (CAP. 504) and the Waste Regulations, 2011 (L.N. 184 of 2011 as amended), hereby authorises:

J.M. Vassallo Vibro Blocks Limited

(Company registration number: C 1677)

(hereinafter "the Operator" or "the Permit Holder"),

Of / Whose Registered Office is at

J.M. Vassallo Vibro Blocks Ltd.

Mdina Road,

Żebbug, ŻBG 9019

Malta

To operate an installation at:

J.M. Vassallo Vibro Blocks Ltd.

Mdina Road,

Żebbug, ŻBG 9019

Malta

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 weeks prior to expiry of this permit.

Signed

Date

Perit Vincent Cassar F/Director Environment Protection	Permit Issued: 24 / 09 / 2015
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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 Application, or as otherwise previously agreed in writing by the Authority.

Status Log

Detail	Date
<i>Application EP</i>	01 July 2011
<i>Permit Issued</i>	11 January 2012
<i>Variation Issued</i>	08 July 2014
<i>Variation Issued</i>	30 September 2014
<i>Renewal issued</i>	24 September 2015

1.1 Permitted Activities

1.1.1 The Operator is authorised to carry out the activities and the associated activities specified in Table 1.1.1.

Table 1.1.1		
Activity	Description of specified activity	Limits of specified activity
Processing of steel reinforcing rods and sections, cold drawing of steel wire and production of electro welded steel wire mesh.	Processing of steel reinforcing rods and sections including cutting, bending, drilling and welding. Cold drawing of steel wire and production of electro welded steel wire mesh.	From receipt of raw materials to production and distribution of finished product.
Associated activity of material storage and supply.	Handling, storage and distribution of raw materials and products.	From receipt of material to storage and distribution of product to clients.
Associated activity of laboratory testing.	In house quality control testing of materials and products.	From receipt of material to testing of finished product.
Associated activity of storage, treatment and disposal/recycling of waste materials	Handling, storage, treatment and disposal/recovery of wastes from installation.	From generation of waste to recovery onsite and/or disposal offsite.
Associated activity of fuel storage and supply	Handling, storage and distribution of gasoil.	From receipt of fuel to storage and distribution to company vehicles.
Associated activity of utilities	Generator to produce energy.	From receipt of fuel to delivery of energy.
Associated activity of maintenance	Maintenance and repairs which may be carried out in the maintenance workshops & tool shop in the installation.	From maintenance/repair activity to appropriate recovery/disposal of any waste generated on site.

1.2 Site

- 1.2.1 The activities authorised under condition 1.1.1 shall not extend beyond the Site, as per Site Map in Schedule 1 to this Permit.

1.3 General Conditions

- 1.3.1 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, Occupational Health and Safety Authority, Malta Transport and the Malta Resources Authority.
- 1.3.2 This permit is granted saving third party rights. The Permit Holder is not excused from obtaining any other permission required by law. The obligations and conditions deriving from this permit are without prejudice to any other regulations, codes of practice, conditions/requirements imposed by other Authorities, including the need to obtain any development permit.
- 1.3.3 In these conditions and their interpretation, all terms shall have the same meaning as that assigned to them in the Waste Regulations, 2011, as published by Legal Notice 184 of 2011 as amended or any statutory provisions or regulations amending or replacing them.
- 1.3.4 The waste management activities on site shall be managed without endangering human health or harming the environment, in particular:
- a. Without risk to water, air, soil, plants and animals;
 - b. Without causing a nuisance through noise, dust or odours;
 - c. Without adversely affecting the countryside or places of special interest/value.
- 1.3.5 The Permit Holder is to be fully liable and responsible for managing the site in all its various aspects and to supervise the full adherence with all the conditions of this permit.
- 1.3.6 The site must be well secured to minimise the opportunity for unauthorised entry.
- 1.3.7 The company 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.
- 1.3.8 In the event of cessation of business activity on the site, all wastes (including machinery, tanks, equipment) and hazardous materials 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 business activity, and shall submit a decommissioning plan to the Authority for approval.
- 1.3.9 All plant, equipment and technical means used in operating the Permitted Installation shall be maintained in good operating condition and without causing significant polluting emissions, potentially polluting leaks and spillages or excessive noise. The operator shall keep maintenance records.
- 1.3.10 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, in particular on those permit 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.

- 1.3.11 This Permit is not transferable unless by application to the Authority, whereby the permit will be transferable only after an official letter from the Authority endorses the permit transfer. Transfer of ownership will also necessitate the transfer of environmental obligations and liabilities.
- 1.3.12 The Authority shall carry out regular compliance checks and audits that vary in frequency according to the site's compliance with the permit conditions. Any such checks and audits carried out by the Authority are to be made at the Permit Holder's financial expense.
- 1.3.13 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 these Authority representatives may request.
- 1.3.14 The Authority reserves the right to alter, amend or remove any of the conditions of this permit after notifying the Permit Holder of its intention and after describing the changes to the Permit Holder.
- 1.3.15 The Permit Holder is able to request the Authority to change or amend any of the conditions of this permit with which the Permit Holder is no longer in a position to achieve compliance by applying for a Variation Notice. The changes in the permit conditions are only affected once official documentation from the Authority notifies the Permit Holder that the Variation Notice is in affect. Until such a time, the permit holder retains the responsibility to achieve full compliance with these conditions.
- 1.3.16 The validity of this permit is until **24 September 2019**. The Permit Holder is able to renew the permit upon application with the Authority expressing his/her intention at least six (6) weeks prior to the expiry of the permit. The permit will be considered renewed once the official Variation Notice is issued by the Authority.
- 1.3.17 A copy of this permit should be available at all times on site at the permitted facility, including any Variation Notices or amendments to it.
- 1.3.18 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 revoke this permit.
- 1.3.19 The Permit Holder is able to surrender this environmental permit **only after** applying with the Authority. The Permit Holder shall retain all responsibility for management and activities within the site until the Authority officially approves the permit surrender in writing.
- 1.3.20 The Authority reserves the right to attach a fee to this permit.

1.4 Operational Changes

- 1.4.1 The Operator shall apply for a variation in permit and shall seek the Authority's written agreement prior to any operational changes which could cause substantial impact on the environment, by sending to the Authority: written notice of the details of the proposed change, including an assessment of its possible effects (including changes in emissions and waste production) on the environment from the Permitted

Installation; any relevant supporting assessments and drawings; and the proposed implementation date.

- 1.4.2 Any such change shall not be implemented until agreed to in writing by the Authority. As from the agreed implementation date, the Operator shall operate the Permitted Installation in accordance with that change, and relevant provisions in the Application shall be deemed to be amended.

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 the date of completion of each requirement to the Authority within 10 working days of the completion of each such requirement.

Reference	Requirement	Deadline
1	Implementation of a noise monitoring survey, according to the Terms of Reference set out in Schedule 3.	Within 3 months of issue of the permit.

2. Site Infrastructure and Operations

2.1 Site Infrastructure

- 2.1.1 During non-operating hours the site should be firmly closed and totally inaccessible to third parties, both by vehicle and on foot.
- 2.1.2 A quarantine area is to be designated within the site boundary to temporarily hold unpermitted waste that may enter the site. A non leaking skip or similar contained structure can be utilised for the temporary storage of unpermitted waste.
- 2.1.3 The site should be clearly identified by a site identification board, which should be replaced as soon as it is damaged or the information is no longer readable from a distance. The site identification board should be located at the site entrance and should contain the following information:
- a. The company name and address
 - b. List of authorised activities on site
 - c. 24 hour emergency mobile number
 - d. Permit Number (making it clear this site is permitted by the Authority)
 - e. Opening hours of the site
- 2.1.4 No chemicals or waste shall be deposited, stored, treated or otherwise handled in any area of the site that is not impermeable.

2.2 Hours of Operation

- 2.2.1 Without prejudice to any code of practice or any other regulations or agreements between or from other Authorities or governmental bodies, the waste management operations authorised by this Permit shall only be carried out within the times specified below:

Monday to Friday:	07:00 – 19:00
Saturday:	07:00 – 17:00
Sunday and Public Holidays:	Closed

2.3 Storage of fuels and oils

- 2.3.1 All storage of materials or waste shall take place only in areas with impervious ground and where thorough clean up and site reinstatement can be readily undertaken.
- 2.3.2 All bulk oil and fuel storage tanks shall be provided with an adequately designed bund system with an impermeable base and walls, as per relevant MRA standards. The capacity of the bund shall be a minimum of 110% of the largest tank within the bund of 25% of the total volume of all the tanks within the bund. Filling and off-take points shall be located within the bund, which shall not have any drainage connections for rainwater. The permit holder shall also ensure and take all precautions in his competence to avoid any leakages or spills from liquid or solid material that can cause environmental harm.
- 2.3.3 Containers for bulk storage of chemicals shall be properly designed, located, labelled, banded and maintained so as to prevent accidental spillage. Incompatible chemicals shall not be stored in the same bund. Storage areas shall have impervious ground and shall be banded or otherwise designed so that surface and ground waters cannot be contaminated by spillages.
- 2.3.4 Bulk storage tanks for fuels, oils and chemicals, and associated bunding and pipe work shall be visually inspected at least twice a month. Such records should be included in the site diary.
- 2.3.5 The storage of flammable, toxic and hazardous substances and the maintenance of critical safety equipment should correspond to good international practice.
- 2.3.6 The operator shall submit, as part of the annual environment report, a certification by an independent warranted engineer showing that the bunds on site are leak proof and can withstand hydrostatic pressure in the event of failure of one or more tanks within the bund.
- 2.3.7 Spillages of chemicals 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. Kits for the collection of liquid and powder spills shall be available on site at sensitive locations.

2.4 Equipment on Site

- 2.4.1 All plant equipment and technical means used in operating the Permitted Installation shall be maintained in a good operating condition and maintenance records of the above shall be kept by the operator.

3. Operational Procedures

3.1 Emissions

3.1.1 Emissions to Air

- 3.1.1.1 All processes which generate significant levels of airborne contaminants (such as dusts, toxic gases, odorous chemicals & fuels) 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 as to avoid local nuisance.
- 3.1.1.2 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 local nuisance.

- 3.1.1.3 The Operator is to carry out regular sweeping of all the manufacturing workshops within the installation so as to limit, as much as possible, local nuisance through the dispersal of airborne contaminants.
- 3.1.1.4 In the event of a local nuisance from emissions to air, the operator must, at the written request of MEPA and within 10 working days, identify the specific cause of the nuisance and examine means for its elimination or minimisation including:
 - 3.1.1.4.1 Relocating / redesigning the stack(s) or vent(s) to a point where nuisance is minimised.
 - 3.1.1.4.2 Preventative measures such as replacement of process materials by more environmentally sensitive compounds.
 - 3.1.1.4.3 Improved storage of materials.
 - 3.1.1.4.4 Use of additional abatement measures.
- 3.1.1.5 All abatement equipment and ducting shall be cleaned and maintained on a regular basis (as per manufacturer specifications).
- 3.1.1.6 The Operator shall use BAT so as to prevent or where that is not practicable; reduce fugitive emissions of airborne contaminants from the Permitted Installation.

3.1.2 Effluent Discharges

- 3.1.2.1 No discharges to surface water or groundwater shall take place from the Permitted Installation.
- 3.1.2.2 No discharges to the foul sewer (other than from domestic sewage or equivalent) shall take place from the Permitted Installation.
- 3.1.2.3 The Operator shall undertake all necessary measures and precautions to prevent spillage of raw materials, intermediates, products, waste and any other materials.
- 3.1.2.4 The Operator is to obey all the conditions stipulated in the Sewer Discharge Permit issued by the Water Services Corporation. The Permit Holder is to ensure the Sewer Discharge Permit is updated every year. The Operator shall abide to the provisions indicated in the Sewer Discharge Permit.
- 3.1.2.5 The Operator shall provide a copy of the updated Sewer Discharge Permit as part of the Annual Environmental Report (AER) of the installation, in addition to any other reporting requirements set by the Water Services Corporation.

3.1.3 Emissions to Land

- 3.1.3.1 No emission from the Permitted Installation shall be made to land.

3.1.4 Odour

- 3.1.4.1 Emissions from the activities shall be free from odour at levels likely to cause pollution and/or nuisance outside the site and at sensitive receptors, as perceived by the Authority. The operator shall utilise abatement measures for odour emanating from the fuel storage tanks.
- 3.1.4.2 The Operator shall prevent or where that is not practicable reduce odorous emissions from the Permitted Installation so as not to cause nuisance to Third Parties.
- 3.1.4.3 There shall be no significant offensive odour, as perceived by an Authorised Officer of the Competent Authority, at sensitive locations such as residences.

3.1.4.4 The Operator shall prevent or where that is not practicable, reduce odorous emissions from the Permitted Installation, in particular by:

- limiting the use of odorous materials;
- restricting odorous activities;
- controlling the storage conditions of odorous materials;
- controlling processing parameters to minimise the generation of odour;
- optimising the performance of abatement systems;
- timely monitoring, inspection and maintenance;
- employing, if required by the Authority, an approved odour management plan

3.1.5 Noise and Vibration

3.1.5.1 The Operator shall prevent or where that is not practicable reduce emissions of noise and vibration from the Permitted Installation.

3.1.5.2 The Authority shall reserve the right to request a noise monitoring analysis, at the expense of the Permit Holder. In this regard, the locations, measurements and assessment must be made according to BS 4142:1997, all the series of ISO 1996, ISO 9613 and any other standard methodology stipulated by the Authority. This shall be subject to the submission of a method statement and subsequent approval by the authority prior to the commencement of any monitoring.

3.1.5.3 Within 3 months of issue of the variation to the permit, the Operator is required to implement a noise monitoring survey, according to the Terms of Reference set out in Schedule 3. Operator is to provide a Method Statement to this effect to MEPA for approval prior to commencement of monitoring. Once the noise monitoring has been executed and the results have been submitted, the Operator shall submit a proposal for an action plan aimed at reducing noise from any sources which have resulted in emitting significantly high noise levels.

3.1.6 Waste

3.1.6.1 All operations concerning the management of waste are subject to the Waste Management Regulations (Legal Notice 184 of 2011, as amended) and the Waste Management (Activity Registration) Regulations (Legal Notice 106 of 2007).

3.1.6.2 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.

3.1.6.3 No incineration of waste or any other material is permitted on site

3.1.6.4 No storage of waste, equipment or materials is permitted on property outside the site premises.

3.1.6.5 All wastes generated on site (including 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 shall not be mixed in the same container.

3.1.6.6 No storage of waste, including derelict equipment and machinery, is permitted for a period exceeding 12 months.

3.1.6.7 The operator is to prevent litter or other wastes escaping from the site boundaries. Any such escape of waste shall be collected immediately upon detection.

- 3.1.6.8 Only registered waste carriers as per activity 38 of schedule 1 in the Waste Management (Activity Registration) Regulations, 2007 as published by Legal Notice 106 of 2007 are allowed to transport waste to and from this site.
- 3.1.6.9 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.
- 3.1.6.10 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° 1379/2007 of 26 November 2007 amending Annexes IA, IB VII and VIII of Regulation (EC) N° 1013/2006 of the European Parliament and of the Council of Shipments of waste, for the purposes of taking account of technical progress and changes agreed under the Basel Convention; and
 - c) (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.
- 3.1.6.11 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.
- 3.1.6.12 All hazardous waste transferred off the site from the quarantine area shall be accompanied by a valid hazardous waste Consignment Permit issued by MEPA. Each consignment under the consignment permit should be accompanied by a Consignment Note.
- 3.1.6.13 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.
- 3.1.6.14 For any decommissioned equipment, the Operator shall submit to the Authority a proposal for the screening of the intended equipment to be discarded which should include the details of any hazardous materials in the equipment (including but not limited to radioactive sources, hazardous chemicals, etc.), decontamination procedures and the procedures for final disposal.

4. Site Management

4.1 Staff Obligations and Responsibilities

- 4.1.1 All employees on site should be fully conversant with the obligations of this permit and should be individually aware of their responsibilities and liabilities in observing the conditions of this permit.
- 4.1.2 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.

- 4.1.3 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.
- 4.1.4 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.
- 4.1.5 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.
- 4.1.6 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.

4.2 Control of Mud, Debris & Emissions

- 4.2.1 At all times during the year the Permit Holder and/or TCP are to ascertain that the roads leading to the facility are clean and free of mud or large debris. In the event that mud or large debris is observed on the road the Permit Holder and/or TCP is to take remedial action and ascertain that the roads are immediately cleaned.

4.3 Accident Prevention and Control

- 4.3.1 An Emergency Response Plan shall be maintained containing details of the location, nature and quantity of chemicals, oils and fuels stored, any special hazards, a drawing showing location of drains and the emergency phone numbers of the operator and relevant authorities. It shall also include actions to be taken in the case of incidents which could affect the environment, such as fires and chemical/fuel spills. The emergency plan shall indicate that accidental releases of chemicals and fires caused by chemicals are to be managed as specified in the respective MSDS sheets.
- 4.3.2 The emergency response plan shall be updated whenever necessary and the updated version sent to MEPA and the Civil Protection Department.
- 4.3.3 In the case of an accident (including fire, chemical spills, etc.), the Operator shall follow the Emergency Response Plan referred to in Condition 4.3.1 and, in the case that such accident could reasonable be regarded as causing environmental damage or as posing a threat of environmental damage, the Operator shall notify the Authority within 24 hours.

4.4 Site Records & Reporting

- 4.4.1 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 at any reasonable time;
 - (b) be supplied to the Authority on demand and without charge and in the format requested;
 - (c) be legible;
 - (d) be made as soon as reasonably practicable;
 - (e) indicate any amendments which have been made and shall include the original record wherever possible; and

- (f) 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.

4.4.2 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 2 of this Permit and in the format specified therein.

Schedule 1
Site Map

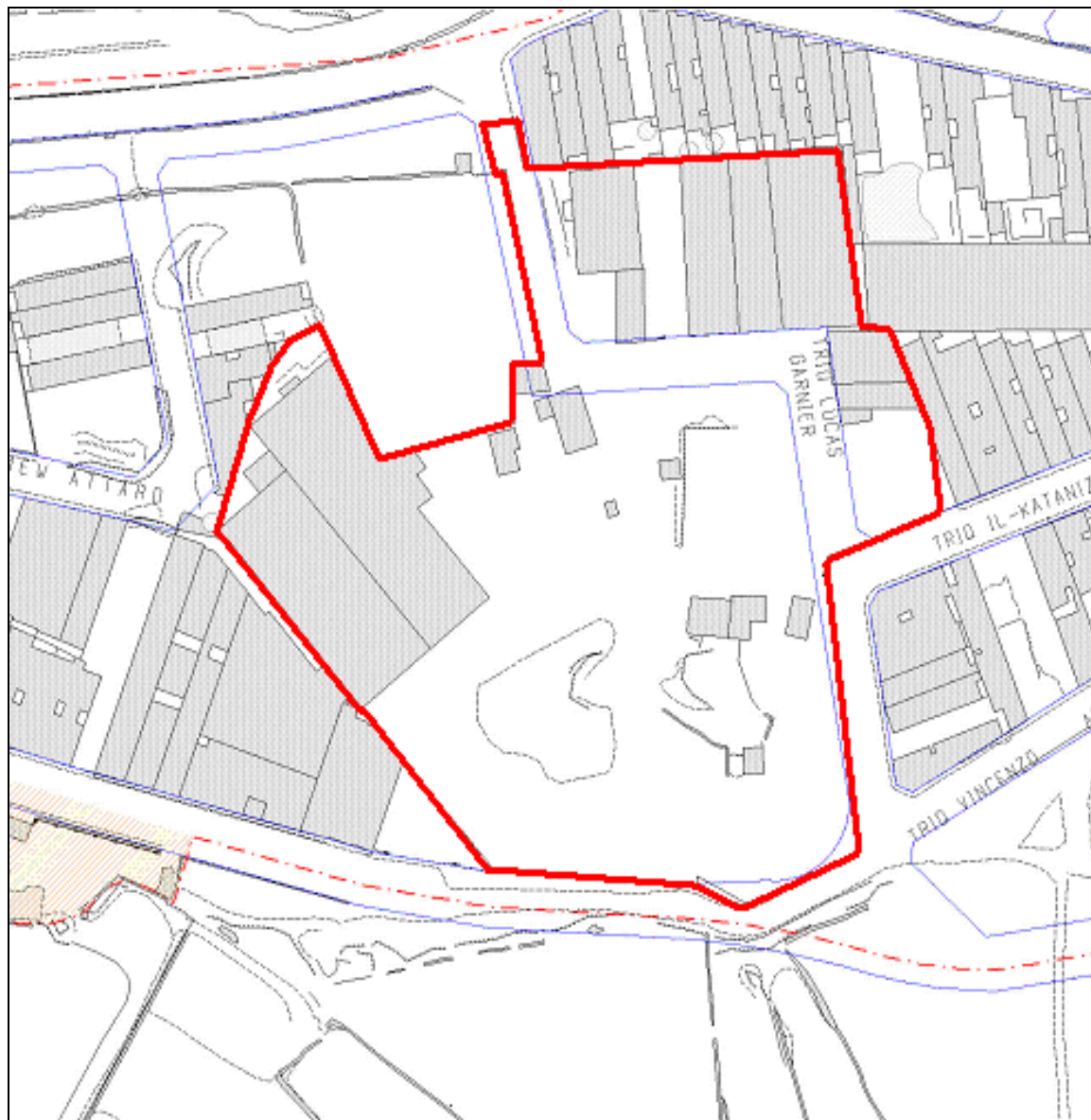


Fig. S2.1: Site of installation, showing extent of area authorised for activity, outlined in red.

Schedule 2

Annual Environment Report and Submissions

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.

S2.1 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	

S2.2 Off-site transfers of hazardous waste

A summary record of the waste quantities accepted and removed from the Site per month (table S2.2.1) and for the whole calendar year (table S2.2.2).

Date of transfer	EWC Code ¹	Quantity of waste (in kg)	Consignment note number	Ultimate destination

S2.3 Fuel Consumption Data

Equipment ²	Fuel type	Sulphur Content of Fuel ³	Fuel Consumption	Units
				tonnes
				tonnes
				tonnes
				tonnes
				tonnes
				tonnes

¹ European Waste Catalogue Code (Reference: Commission Decision 2000/532/EC: http://eur-lex.europa.eu/smartapi/cgi/sga_doc?smartapi!celexplus!prod!CELEXnumdoc&numdoc=32000D0532&lg=en)

² E.g. Boiler, generator, vehicles, etc.

³ Specify units (e.g. as percentage, or mg/kg)

Schedule 3

Terms of Reference: Noise Monitoring Programme

Introduction

The noise monitoring shall be carried out by the operator through a consultant approved by MEPA who shall be commissioned to propose a monitoring procedure for measuring noise levels within and around the installation as described in section 3.2 below.

The person(s) undertaking the "on field monitoring" and the person(s) working on the noise modelling shall either be in possession of a:

- (a) Bachelors degree in Acoustics, or
- (b) Bachelors degree in Physics, Architecture, Civil Engineering or Engineering, Environmental Health, Environmental Science/Management, Occupational Health and Safety and a specialisation Masters degree in Acoustics, or
- (c) have any recognised certification in Acoustics and be at least an associate member of the Institute of Acoustics or equivalent grade of Membership of a professional body for those working in acoustics, noise and vibration in any one of the EU Member States.

The consultant, in collaboration with MEPA, shall seek advice from the Local Council during the selection of the sensitive receptors.

Content of monitoring study

The monitoring study should address the following issues:

1. A description of the installation – this shall include a description of all process carried out on site and related equipment & infrastructure.
2. A description of the surrounding areas - this shall include identification of the types of activities, whether residential or commercial, roads and other amenities. These shall be location-specific taking into account their location with respect to the site.
3. Identification of the main sources of noise and vibration – this shall include all process on site, including aspects such as transport noise on site, plant equipment, mechanical operations, etc (amongst others).
4. Identification of the closest noise sensitive receptors – this shall be carried out after assessing the noise levels in the plant's perimeter and in the other locations identified in point 2 above under normal operating conditions of the plant. The various monitoring points shall be identified with a unique code and an analyses of the ambient noise to which each monitoring point is subjected to.
5. Environmental Noise Survey – this shall include details of the standards used for measurements, equipment used including calibration details, resultant measurement data, assessment methods and complaints significance scale. The survey is to be carried out according to the latest revisions of ISO1996 and the rating of industrial noise affecting residential areas shall be according to BS4142:1997. The survey should include perimeter noise levels, baseline noise survey of sensitive receptor sites, noise impact on site sensitive receipts including day and night background levels.
6. The monitoring shall be performed exclusively using type 1 sound level meter. The use of type 2 sound level metres or less is not considered acceptable and will not be considered.

7. Impact assessment of noise events on noise sensitive receptor site – this shall include an assessment according to the guidelines BS 4142:1997 and ISO1996 and a summary of the data obtained after the survey has been carried out in relation to the noise sensitive receptors identified above.
8. Conclusions and Mitigation measures – this shall include a summary report of findings from the noise monitoring survey and any remedial action and/or mitigation measures to be implemented by the operator in order to reduce impacts resulting from the site of operation.

END OF PERMIT