

Environmental Permit

Environment Planning Act (CAP. 549)

Permit number

EP 49/17

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), hereby authorises:

Mr. Michael Mifsud obo Multigas Ltd. and Multigas Sales Ltd. (hereinafter “the Permit Holder”),

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

**Multigas Ltd,
Triq L-Industrija, Kirkop,
KKP 9042.**

(Company registration number: **C 8318 and C 5862 - Multigas Ltd. and Multigas Sales Ltd.**)

to operate an installation at:

**Multigas Ltd,
Triq L-Industrija, Kirkop,
KKP 9042.**

This permit is valid for four (4) years from the granted date below. An application for renewal of this permit is to be submitted at least six (6) months prior to expiry of this permit.

Signed

Date

Prof. Victor Axiak Chairman	Permit Granted 25 / 05 /2020
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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 EP Application, or as otherwise previously agreed in writing by the Authority.

Status Log

Detail	Date
<i>Submission of EP application</i>	30 October 2017
<i>Consolidated EP application</i>	12 September 2019
<i>Permit determined by ERA Board</i>	17 April 2020

1.1 Permitted Activities

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

Activity	Description of specified activity	Limits of specified activity
Production of Nitrogen, Oxygen, and compressed air; storage and distribution.	From production of the said gases, to storage, filling and distribution.	From intake of raw materials, to production, storage and distribution of products.
Importation, storage and re-filling of Helium, Hydrogen, Acetylene, Nitrous Oxide, Entonox, Argon, and refrigerants in cylinders for eventual	From importation of the said gases, to storage, and distribution.	From receipt of products, storage and distribution of products.

resale.		
Associated activity of utilities	Stand-by diesel operated fire-pump. Cooling tower Reverse Osmosis plant. One (1) standby-diesel generator	From receipt of fuel on site to operation of the fire-pump during emergency and fire drills. For cooling of air intake to produce oxygen and nitrogen, for recirculation of water for use in cylinder testing, topped when necessary with RO water. From receipt of mains water to delivery of utility for topping up the closed loop system of the cooling tower and discharge of effluent to sewer. From receipt of fuel to delivery of energy.
Associated activity of storage, treatment and disposal/recovery of waste materials	Handling, storage, treatment and disposal/recovery of wastes from installation.	From generation of waste to dispatch for disposal or recovery (including recycling) offsite.
Associated activity of testing and maintenance	Testing and maintenance of gas cylinders (including paint scrubbing/stripping and repainting) Maintenance and repairs which may be carried out as required.	From de-gassing and testing of cylinders to cylinder maintenance (including paint scrubbing/stripping and repainting) and scrapping of cylinders no longer fit for purpose. 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 shown on the Site Map in Schedule 2 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 the Planning Authority, the

Occupational Health and Safety Authority, Transport Malta and the Regulator for Energy and Water Services (REWS).

- 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.
- 1.3.3 In these conditions and their interpretation, all terms shall have the same meaning as that assigned to them in CAP 549 the Environment Protection Act and its subsidiary legislation.
- 1.3.4 The Permit Holder has the sole responsibility to ascertain compliance with legal obligations, permit conditions and to undertake activities on and off site in line with good environmental practices at all times.
- 1.3.5 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.
- 1.3.6 The Permit Holder shall maintain a register of third party complaints. The register shall record the details of complainant(s) if available, the date, source and nature of the complaint and the corrective action undertaken, where such action proves necessary.
- 1.3.7 All plant, equipment and technical means used in operating the Permitted Installation shall be maintained in a good operating condition and without causing polluting emissions, leaks and spillages. The Permit Holder shall keep maintenance records as per Section 3.3 of this Permit.
- 1.3.8 The Permitted Installation shall be managed, controlled, supervised and operated by staff that are aware of the importance of environmental protection and suitably trained on the requirements of this Permit. 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 and maintained in line with 6.1.3. Subcontractors who enter the site shall also be made aware of any obligations arising from the permit which might affect their duties.
- 1.3.9 The Authority may request monitoring and/or review of operational practices and/or 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 audits shall be carried out at the expense of the Permit Holder.
- 1.3.10 Without prejudice to condition 1.3.9, the Authority may take any action deemed necessary including but not limited to the suspension of any activity/operation until investigations are concluded.
- 1.3.11 The permit is valid for a period of 4 years from the date of the granting. The Permit Holder is able to renew the permit upon application with the Authority expressing his/her intention at least six (6) months prior to the expiry of this permit. The permit will be considered renewed once the official renewed permit is issued by the Authority.

- 1.3.12 The permit is issued against a Bank Guarantee of €4,850, which shall be renewed annually. This guarantee will have to be maintained throughout the validity of the permit. Following renewal and/or variations to this permit, the Authority may require amendments to the Bank Guarantee.
- 1.3.13 The Bank Guarantee shall remain in place for the duration of validity of this permit and shall only be released upon confirmation of full compliance with the permit conditions by the Authority.
- 1.3.14 The Authority may take part or all of the bank guarantee if the Permit Holder fails to take necessary action or fails to fulfil his legal obligations under the Act or its subsidiary legislation thereof, in cases of non-compliance with these permit conditions, or in cases where environmental integrity is threatened. This bank guarantee is without prejudice to any environmental liabilities incurred by the Permit Holder through failure to adhere to permit conditions or any other works/ activity carried out on site. Should the Authority forfeit the Bank Guarantee either in part or in full, the Permit Holder shall ensure that this is replenished without undue delay, in any case not exceeding 2 months from the date of forfeiture.
- 1.3.15 In cases where the bank guarantee does not cover the expenses incurred by the Authority to take remedial action on the Permit Holder's behalf, the Permit Holder is to financially reimburse the Authority of all the expenses incurred within.
- 1.3.16 The Authority may add, amend, delete or substitute 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 is without prejudice to any prevailing circumstances that would preclude the Authority from following such a procedure.
- 1.3.17 The Authority may carry out regular compliance checks that vary in frequency according to the site's compliance with the permit conditions. Any checks or audits carried out by the Authority may be made at the Permit Holder's financial expense
- 1.3.18 The Authority's representatives may inspect and photograph any part of the site and ask for any closed or locked areas to be opened and may demand to be provided with any proof, documentation, plans, receipts or any other records.
- 1.3.19 The Authority may suspend or revoke this environmental permit in line with the provisions of CAP549.
- 1.3.20 The Permit Holder shall undertake all necessary measures and precautions to prevent spillage of raw materials, intermediates, products, waste and any other materials
- 1.3.21 Upon the joint application of a Permit Holder and a proposed transferee, the Authority may transfer the environmental permit to the proposed transferee. The transfer of the permit will not relieve the Permit Holder from his environmental obligations and liabilities.

1.4 Operational Changes

- 1.4.1 The Permit Holder 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.

- 1.4.2 The Permit Holder shall notify the following matters to the Authority in writing at least 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 corporate identity.

2. Site Infrastructure and Operations

2.1 Site Infrastructure

- 2.1.1 During non-operating hours the site shall be firmly closed and totally inaccessible to third parties, both by vehicle and on foot. The site must be well secured at all times.
- 2.1.2 Refuelling of vehicles including fork-lifters shall not be carried out on site unless approved through a variation to this permit.

3. Operating Conditions

3.1 Emissions to Air

- 3.1.1 All processes which generate significant levels of airborne contaminants (such as dusts, gases, odorous 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 as to avoid local effect.
- 3.1.2 Emissions to air shall only arise from the emission points specified in Table 2.1.2, as per description in the submitted EP Application.

Table 3.1.2 : Emission points to air	
Emission point references ¹	Source
PS1	Stand-by diesel fire pump.
PS2	Stand-by diesel generator.

¹ According to Section 7.1 of the application (as revised on 9 October 2017).

Table 3.1.2 : Emission points to air	
Emission point references ¹	Source
PS3	Cooling tower.
PS3	Extraction from paint scrubbing/stripping machine.

- 3.1.3 ERA recommends that diesel (gas oil) used for the generator shall have a Sulphur content not greater than 0.1%.
- 3.1.4 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.
- 3.1.5 The Permit Holder shall submit certification for the diesel fire-pump (PS1), stand-by generator (PS2) referred to in table 3.1.2, by an independent warranted engineer showing that the combustion plans are in good working condition every four years. The certifications shall be submitted as part of the Annual Environmental Report (AER).
- 3.1.6 In the case of breakdown or malfunction of equipment, the Permit Holder shall reduce or close operations as soon as practical until normal operation can be restored.
- 3.1.7 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.
- 3.1.8 Should the Permit Holder 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.
- 3.1.9 In the event of malfunction or breakdown leading to abnormal emissions, the Permit Holder 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.
- 3.1.10 Further to condition 3.3.11, the Permit Holder shall provide ERA with details of the specific cause of the malfunction and the remedial steps taken or to be taken to address the malfunction.
- 3.1.11 All abatement equipment and ducting shall be cleaned and maintained on a regular basis (as per manufacturer specifications) and records of such maintenance are to be kept in accordance with Section 4.4 of the Permit.
- 3.1.12 The Permit Holder shall prevent or where that is not practicable, minimise fugitive emissions of substances to air from the Permitted Installation.

3.2 Effluent Discharges

- 3.2.1 No discharges to surface water or groundwater shall take place from the permitted installation.
- 3.2.2 Foul sewer drains must be strictly segregated from storm water drains.
- 3.2.3 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 bunded areas) shall pass through an adequately sized interceptor.
- 3.2.4 Process effluents shall not be diluted prior to discharge to sewer or off-site transfer.
- 3.2.5 No discharges other than domestic sewage shall be discharged in the foul sewer.

3.3 Emissions to Land

- 3.3.1 No emission from the Permitted Installation shall be made to land.
- 3.3.2 In the event of spillages or incidents which could have led to contamination of land, the Permit Holder shall notify the Authority within 24 hours, forward a decontamination plan for the Authority's approval and execute it within an agreed time frame.

3.4 Waste

Waste storage and handling

- 3.4.1 All operations concerning the management of waste are subject to the Waste Regulations S.L. 549.63 and the Waste Management (Activity Registration) Regulations S.L. 549.45.
- 3.4.2 All wastes shall be stored within a designated and controlled storage area(s) prior to ultimate disposal. Wastes to be recycled shall be stored in a designated container or area and shall not be mixed with other wastes.
- 3.4.3 Liquid and 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 shall not be mixed in the same container.
- 3.4.4 Packaging material and containers containing residual quantities of chemicals shall be regarded as hazardous waste and shall be disposed of in an appropriate manner.
- 3.4.5 No storage of waste, equipment or materials is permitted on property outside the site premises.

- 3.4.6 No storage of waste destined for disposal is permitted for a period exceeding 12 months. No storage of waste destined for recovery is permitted for a period exceeding 3 years.
- 3.4.7 The Permit Holder shall ensure that all cylinders which are no longer used for refilling of gas disposed of at a facility which is duly authorised for disposal of such material.

Waste recovery or disposal

- 3.4.8 The Permit Holder shall be committed to reduce waste generation where possible.
- 3.4.9 The Permit Holder shall ensure to keep records for every consignment of waste 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.
- 3.4.10 The Permit Holder 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.
- 3.4.11 Off-site disposal or recovery of wastes may only take place at a facility licensed for that purpose.
- 3.4.12 On-site disposal of wastes by any means including burning, disposal to surface water, discharge to sea or burying or deposition on land, is prohibited.
- 3.4.13 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.
- 3.4.14 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.
- 3.4.15 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 as implemented through SL 549.65;
 - 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.
- 3.4.16 The Permit Holder shall make use of the services of a registered waste carrier for the transport of waste from the site in accordance with activity 38 of schedule 1 of Subsidiary Legislation 549.45, the Waste Management (Activity Registration)

Regulations. Where the company removes wastes using its own transport the vehicle(s) must also be registered as a waste carrier in accordance with S.L. 549.45 or any statutory provisions or regulations amending or replacing them.

- 3.4.17 Should the Permit Holder require the services of a waste broker, it shall be ensured that any such broker is a duly registered waste broker in accordance with S.L. 549.45.
- 3.4.18 In the case of waste that is sent for treatment or recovery to another facility locally or abroad, the audit trail shall cover all waste from the point of generation or collection to the end recovery or disposal facility.

Storage

- 3.4.19 All bulk oil storage tanks and bulk storage of chemicals, including any fuels and lubricating oils, shall be provided with an adequately designed bund system with an impermeable base and walls. 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. All filling and off-take points shall be located within the bund.
- 3.4.20 Bulk storage tanks for chemicals and associated bunding and pipe work shall be visually inspected at least once a month. Such records should be kept and made available to the authority upon request.
- 3.4.21 Drums and containers of solvents, oils or any other chemicals shall be stored in designated and secure storage areas. Storage areas shall be designed so that surface and ground waters cannot be contaminated by spillages.
- 3.4.22 Chemicals of different properties shall be stored as specified in respective SDS 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.
- 3.4.23 The storage of flammable, toxic and hazardous substances and the maintenance of safety critical equipment should correspond to good international practice.

4 Site Management

4.1 Staff obligations and Responsibilities

- 4.1.1 One member of the staff shall 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.
- 4.1.2 In the event of any short or long periods of leave of absence taken by the TCP for a period exceeding 10 days or change in the TCP, the Permit Holder is obliged to find a replacement for that member of staff without delay and the Authority informed accordingly.

- 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.
- 4.1.4 All the staff on site shall be fully aware of the procedures to be taken in the event of an accidental spill of any liquids other than water and how to contain the environmental hazard.

4.2 Accident prevention and control

- 4.2.1 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 Permit Holder 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.
- 4.2.2 In the case of an accident (including chemical spills, etc.), the Permit Holder shall follow the Emergency Response Plan referred to in Condition 4.2.1 and shall notify the ERA within 24 hours.
- 4.2.3 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 strategic locations.
- 4.2.4 Small leaks or spills shall be cleared up immediately by the application of absorbent materials. All used absorbent materials shall be disposed of as hazardous waste at facilities permitted to accept such waste. Transfer of this waste shall be carried out as per conditions specified in Section 2.2 of this permit.
- 4.2.5 The Permit Holder shall have in storage an adequate supply of suitable absorbent material to absorb any spillage.

4.3 Site Closure and Decommissioning

- 4.3.1 The Permit Holder shall notify the Authority prior to ceasing operations in part or in full, whereby an application for cessation of operations shall be made to the Authority and shall include a decommissioning plan.
- 4.3.2 In the event of cessation of operations on the site, the Permit Holder shall remain responsible for all wastes and hazardous materials on site, which shall be removed from the site in accordance to good environmental practice and in such a manner that minimises environmental risks.

- 4.3.3 The Decommissioning Plan shall be implemented once approved by the Authority and within 12 months of final cessation of operations or as agreed with the Authority in writing.
- 4.3.4 The obligations arising from this permit shall subsist until the Authority confirms in writing that the decommissioning plan has been implemented to its satisfaction.
- 4.3.5 When deemed necessary, the Authority may require the Permit Holder to take such additional measures as it considers necessary with respect to after care obligations in relation, but not limited to the remedial action, rehabilitation, and monitoring of the waste management or waste production site.

4.4 Site Records & Archive

- 4.4.1 The Permit Holder 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 accessed electronically from the Permitted Installation, for a minimum period of 4 years from the date when the records were made, unless otherwise agreed in writing.
- 4.4.2 A site daily operations log shall be made in a legible manner and kept on site and be made available for inspection by the Authority at any reasonable time. The following information shall be recorded on a daily basis and retained for 5 years:
 - a) Total amount of waste in kilos removed from site for disposal or further treatment;
 - b) 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 taken;
 - c) Any other incidents that the Permit Holder deems important to record in the Site daily operations log.

Each record shall be compiled within 24 hours of the relevant event. The records kept in the site daily operational log shall be available for inspection at any time when the Authority representatives request to inspect them.

- 4.4.4 The Permit Holder may wish to establish an Environmental Management System (EMS) to facilitate compliance with permit conditions and to assist in formalising

procedures required by this permit. An EMS can take the form of a standardised system (e.g. EN ISO 14001:1996 or EMAS) or a non-standardised (“customised”) system, provided that is properly designed and implemented. Guidance for a non-standardised (“customised”) system is included in schedule 6 of this permit.

4.5 Reporting

- 4.5.1 The Permit Holder 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. It shall also be ensured that all certification and documentation as per Schedule 3 are submitted.
- 4.5.2 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 Permit Holder by the Authority.
- 4.5.3 In the event where operations cease temporarily (two weeks or more), 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. Ozone Depleting Substances and Fluorinated Greenhouse Gases

- 5.1 No new equipment or components (including refrigeration and firefighting equipment or insulation foam) containing substances falling within the scope of EC Regulation No. 1005/2009 on substances that deplete the Ozone Layer & S.L. 549.58, Substances depleting the ozone layer regulations shall be installed within the site.

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 Fuel Consumption Data

Equipment ¹	Fuel type	Fuel Consumption	Units
			tonnes

S1.3 Off-site transfers of hazardous waste

Date of transfer	EWC Code ²	Quantity of waste (in kg)	Consignment note number and/or TFS (Transfrontier Shipment of waste) reference number	Ultimate destination

¹ E.g. Boiler, generator, vehicles, etc.

² European Waste Catalogue Code (Reference: Commission decision 2000/532/EC establishing a list of wastes)

S1.4 Off-site transfers of non-hazardous Waste

Date of transfer	EWC Code ¹	Quantity of waste (in kg)	Ultimate destination	Name(s) of registered waste carrier used during reporting year

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

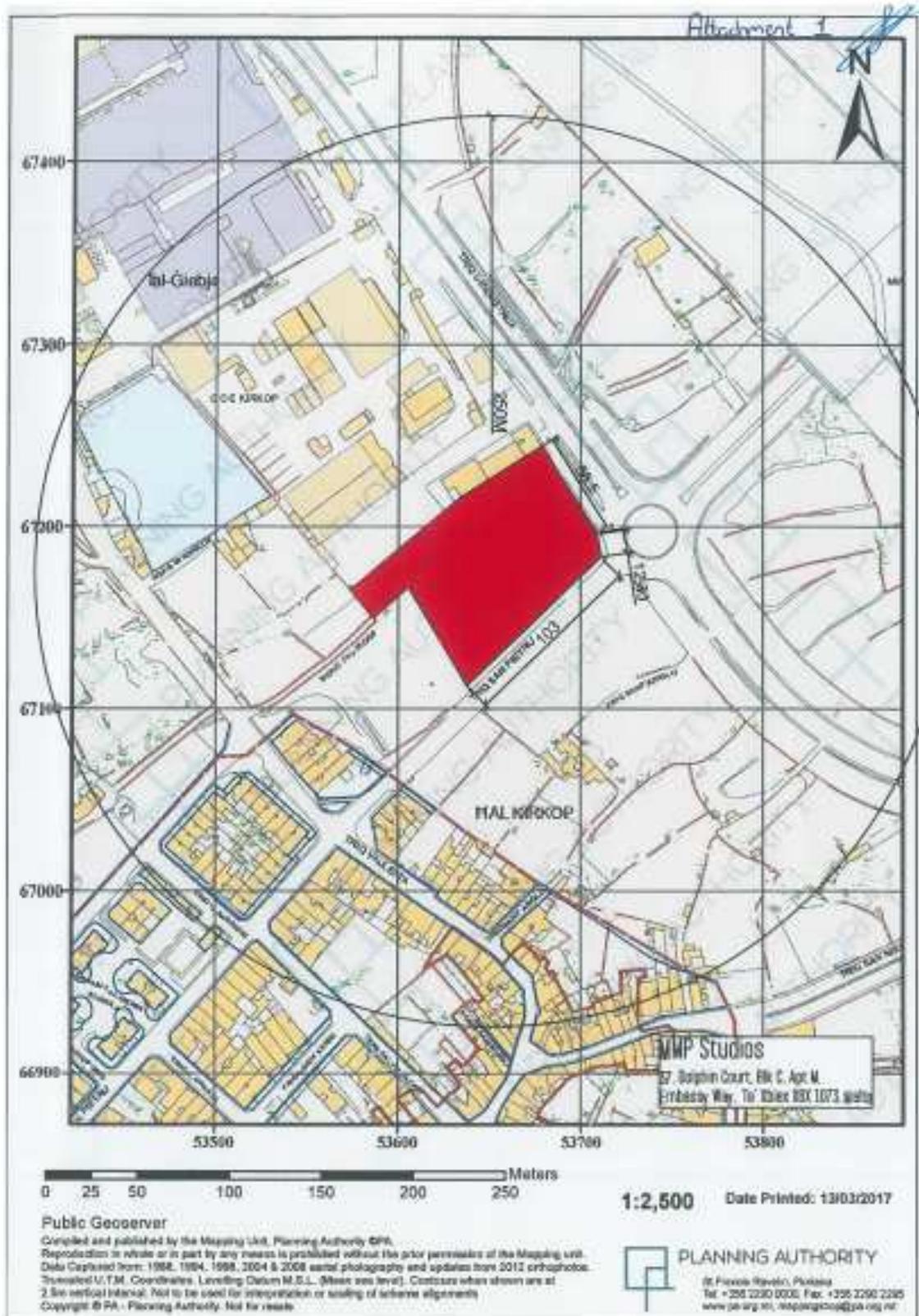
.....
on behalf of / in my own name
(in block letters)

.....
Signature

.....
Date

¹ European Waste Catalogue Code (Reference: Commission decision 2000/532/EC establishing a list of wastes)

Schedule 2
Site Map



Schedule 2 (b)
Site Layout Plan

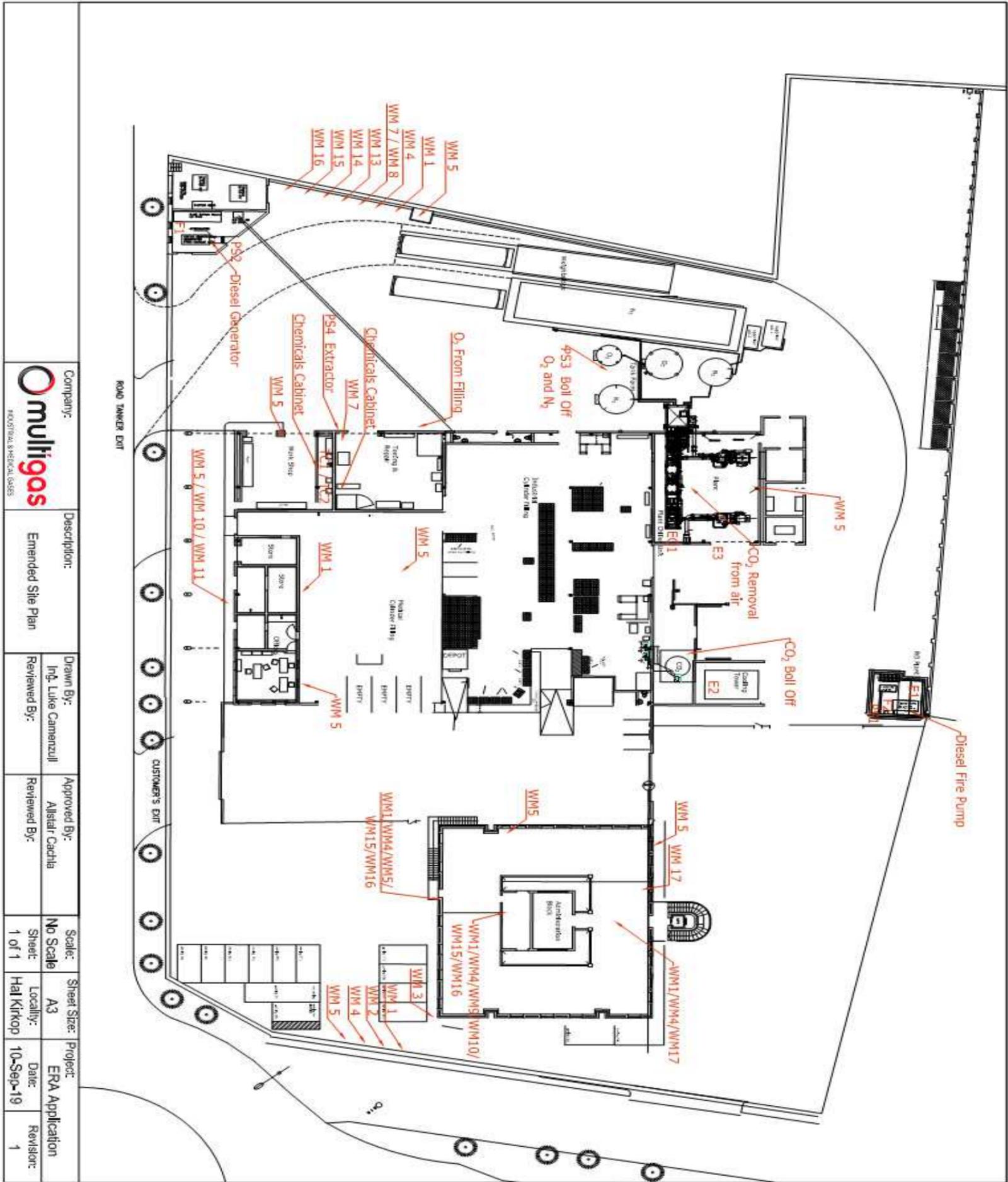


Fig. S2.1: Site of permitted installation, showing the extent of the area in red and orange for the carrying out of the activities specified in condition 1.1.1. The extent of the site boundary is indicative and should not be used for interpretation purposes.

Schedule 3

Minimum requirements for an Environment Management System (EMS)

An EMS may 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 Permit Holder 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 Permit Holder 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 Permit Holder 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 nonconformity with the environmental permit should be defined.

6. Awareness and Training

The Permit Holder 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 Permit Holder 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.

Schedule 4

Submissions of certifications and documentation

Condition Number	Documentation
3.1.5	Certification for the diesel fire-pump (PS1), stand-by generator (PS2) every 4 years.
4.5.1	Submission of AER

END OF PERMIT