

Environmental Permit

Environment Protection Act (CAP. 549)

Permit number

EP 01106/21

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:

Fortina Contracting Limited (hereinafter “the Permit Holder”),

Company Registration number: **C 82698**


Whose Registered Office is at:

St Luke’s Garrison Chapel,
Triq Censu Xerri,
Sliema, SLM 3065

To operate an installation at:

Barceló Fortina Malta Hotel
Dolphin Court,
Tigne Seafront,
Sliema,
SLM 3012

The permit is valid for **four (4) years** from the date below.

Signed	Date
 <p>Perit Vincent Cassar Chairperson</p>	Permit Granted 14.01.2025

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.

1.1 Permitted Operations

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

Table 1.1.1 – List of permitted operations

Operation	Description of specified operation	Limits of specified operation
Hospitality, leisure and tourism	Accommodation, restaurants and other leisure amenities	From receipt of raw materials required for amenities, use of facilities and supply of services to disposal of associated wastes.
	Three (3) stand-by diesel generators (Serial Numbers 32653, 32654, 34005) having a rated thermal input of 1.28MWth to produce Energy.	From receipt of fuel to delivery of utility.
	Three (3) Diesel tanks.	From receipt of fuel to delivery of utility.
	Six (6) LPG storage tanks	From receipt of fuel to delivery of utility.
	One (1) sea-well	From abstraction of seawater to delivery of utility as input to the Reverse Osmosis Plant.
	One (1) Reverse Osmosis Plant	From abstraction of sea-water through sea-well, to delivery of utility and discharge of brine reject and surplus sea- water to sea.
Associated operation of utilities	Two (2) Grease traps	From generation of contaminated waste water from kitchens to disposal of treated water to sewerage system and dispatch for disposal or recovery offsite of waste grease to authorised facilities either locally or abroad.

	Two (2) outdoor and one (1) indoor pools	From receipt of freshwater to discharge of chlorinated backwash water to sewer.
	Two (2) electric fire pumps	From receipt of electricity to delivery of utility.
Associated operation of waste management	Handling and storage of waste generated from installation prior to dispatch offsite	From generation of waste to storage and dispatch for disposal or recovery (including recycling) offsite by registered waste carriers to authorised facilities locally or abroad.

1.2 General Conditions

- 1.2.1 This permit is granted saving third party rights and without prejudice to any other legislation or regulations or authorisations required from any other competent authorities or site owners.
- 1.2.2 In these conditions and their interpretation, all terms shall have the same meaning as that assigned to them in CAP. 549 Environment Protection Act and its subsidiary legislation.
- 1.2.3 A copy of this permit including any Variation Notice and amendments to it shall be available at the place of work, at all times, for reference by all staff carrying out work subject to the requirements of the Permit.
- 1.2.4 All persons have a duty of care to protect the environment. The Permit Holder shall become familiar with his legal obligations and good environmental practice.
- 1.2.5 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.
- 1.2.6 The Permit Holder shall undertake all necessary measures and precautions to prevent spillage of raw materials, intermediates, products, waste and any other materials.
- 1.2.7 All plant, equipment and technical means, including all permitted combustion plants used in operating the permitted installation shall be maintained in good operating condition and without causing polluting emissions, leaks and spillages. Maintenance records of the above shall be kept by the Permit Holder, and must be made available to the Authority upon request.

- 1.2.8 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.
- 1.2.9 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.
- 1.2.10 Upon the joint application of a Permit Holder and a proposed transferee, the Permit Holder may request to transfer an Environmental Permit. The permit shall not be transferred from the Permit Holder without prior approval from the Authority. Upon the Authority's decision to transfer the permit to the transferee, all rights, obligations, liabilities shall subsist onto the transferee.
- 1.2.11 In case of any monitoring requirements specified in this permit, there shall be provided safe means of access to enable sampling/monitoring to be carried out by the Authority or by a third party if deemed necessary.
- 1.2.12 The Authority may carry out regular pre-set or unannounced compliance or monitoring checks that vary in frequency according to the site's compliance with the permit conditions and safeguarding of natural assets. Any checks or audits carried out by the Authority may be made at the Permit Holder's financial expense at the rate and arrangement communicated by ERA.
- 1.2.13 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.
- 1.2.14 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.
- 1.2.15 The permit is valid for a period of **four (4) years** from the date of the granting. The Permit Holder may apply for a renewal to this permit 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.
- 1.2.16 This permit is granted against a Bank Guarantee of **€8,000**, 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.
- 1.2.17 The Authority may withdraw the full amount of the Bank Guarantee if any of the Permit conditions are not complied with or the Permit Holder fails to comply with any instruction given or any other legal obligation under the Act or its subsidiary legislation. Withdrawal of the Bank Guarantee does not preclude the Authority from taking any other action to ensure that the conditions of this permit are complied with. Should the Authority withdraw the Bank Guarantee either in part or in full during the validity of the permit, the Permit Holder shall ensure that this is replenished without undue delay, in any case not exceeding 2 months from the date of withdrawal. The Bank Guarantee shall only be released upon confirmation of compliance with the permit conditions by the Authority.

- 1.2.18 In cases where the Bank Guarantee does not cover the expenses incurred by the Authority to take any remedial action on the Permit Holder's behalf, the Permit Holder is to financially reimburse the Authority of all the expenses incurred.
- 1.2.19 The Authority may suspend or revoke this environmental permit in line with the provisions of CAP. 549.
- 1.2.20 The Authority may request additional monitoring, installation of additional abatement equipment and/or review of operational practices and commission any audits/reports as deemed necessary to address any circumstances that may affect the quality of the surrounding environment, at the expense of the Permit Holder.
- 1.2.21 Without prejudice to condition 1.2.20, the Authority may take any action deemed necessary including but not limited to the suspension of any activity/operation until investigations are concluded.
- 1.2.22 In the event of cessation of operations of any plant and equipment specified in this permit and/or which is integral to the carrying out of the permitted operations, the Permit Holder shall notify the Authority about the type of equipment, its intended fate and details of the transferee.

Unless the plant/equipment shall be transferred off-site in its current state, the Permit Holder shall submit a plan to the Compliance and Enforcement Unit which shall include the following details:

- a) The appointed contractor or other competent person who shall carry out any works (e.g. cleaning, dismantling etc.).
- b) A complete inventory of all the materials that shall be dismantled/removed, including waste streams classified according to their respective EWC code as per S.L. 549.63 and details on the manner in which waste will be managed. Waste resulting from depollution shall also be included.
- c) The proposed cleaning, dismantling and transport procedures
- d) Precautions and mitigation measures during such works to prevent spillages and other potential emissions to the environment.
- e) Timeframes associated with the implementation of this plan.

For any plant/equipment and/or parts thereof, which shall not be considered as waste in accordance with S.L. 549.63, The Waste Regulations, a certificate of good working order from an independent warranted engineer shall be submitted to the Compliance and Enforcement Unit following any works that may be necessary at the permitted installation.

- 1.2.23 Whenever there is a conflict between the conditions of this permit and approved documents, the conditions of the permit shall prevail.

1.3 **Operational Changes**

- 1.3.1 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.

1.3.2 The Permit Holder shall notify the following matters to the Authority in writing at least ten (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.

1.3.3 The Permit Holder shall notify the Authority, without undue delay, of any planned change to the permitted combustion plants.

1.4 Improvement Programme

1.4.1 The Permit Holder shall complete the improvements specified in Table 1.4.1 by the date specified in this table and shall send written notification of the date of completion of each requirement to the Authority’s Compliance and Enforcement Unit within ten (10) working days (of the completion of each such requirement).

Table 1.4.1: Improvement programme		
Reference	Requirement	Deadline
1.	a) Submission of a method statement showing how the monitoring requirements for air emissions permitted in Table 3.1.9 will be sampled and tested.	Within 2 months of the granting of the permit
	b) First measurement for the air monitoring as approved by 1(a) above.	Within 4 months of the granting of the permit

2. Site Infrastructure and Operations

2.1 Site Infrastructure

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

2.1.2 Only those combustion plants listed in Table 1.1.1 can be operated at the site and the operations authorised under condition 1.1.1 shall not extend beyond the site boundary, as per Site Map in Schedule 1A of 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, toxic 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 3.1.2 as per description in the submitted Environmental Permit application.

Emission point reference ¹	Sources
PS1	Stand-by Generator G1
PS2	Stand-by Generator G2
PS3	Stand-by Generator G3
PS4	Kitchen extractor hood
PS5	Kitchen extractor hood

- 3.1.3 The Authority may request monitoring of the other emissions to air listed in Table 3.1.2, apart from PS1, PS2, and PS3, which shall be undertaken in accordance with the terms of reference provided by the Authority.
- 3.1.4 Industrial combustion plants (G1, G2 and G3) shall comply with the provisions of S.L. 549.122 (Limitation of emissions of certain pollutants into the air from Medium Combustion Plants Regulations) and any other applicable subsidiary legislation.
- 3.1.5 Only diesel (gas oil) shall be utilised as a source of fuel for the stand-by generators G1, G2 and G3. 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 a variation of this permit as per condition 3.1.19 prior to commencement of its utilisation.
- 3.1.6 ERA recommends that diesel (gas oil) used for the stand-by generators shall have a sulphur content not greater than 0.1%.
- 3.1.7 The Permit Holder shall submit the three (3) stand-by generators (PS1, PS2 and PS3) referred to in Table 3.1.2 certification by an independent warranted engineer showing that the combustion plants are in good working condition every four (4) years. The certifications shall be submitted as part of the Annual Environmental Report (AER).
- 3.1.8 Emissions to air shall discharge (after treatment where necessary) through a stack or vent located and/or designed in such a way as to avoid local effect.
- 3.1.9 The limits for emissions to air for the parameters and emission points set out in Table 3.1.9 shall not be exceeded. The limits are defined at a temperature of 273.15 K, a pressure of 101.3 kPa, after correction for the water vapour content of the waste gases and at a standardised O₂ content of 15%.

¹ According to Section 7 of the new application

Table 3.1.9 : Emission points to air					
Emission point references [UTM-WGS-84 coordinates (Easting, Northing)]	Source	Monitoring Frequency	Pollutant	Emission Limit Value (mg/Nm³)	Abatement
PS1 (455763.16 m E, 3973784.24 m N) 35.907356, 14.509748	Stand-by generator (32653)	Every 3 Years	CO	-	None
			NO _x	190	None
PS2 (455763.16 m E, 3973784.24 m N) 35.907356, 14.509748	Stand-by generator (32654)		CO	-	None
			NO _x	190	None
PS3 (455763.16 m E, 3973784.24 m N) 35.907356, 14.509748	Stand-by generator (34005)		CO	-	None
			NO _x	190	None

- 3.1.10 The first measurement shall be taken within four months of the granting of the permit.
- 3.1.11 Monitoring shall be carried out according to the frequency stated in Table 3.1.9. During each measurement, the plant shall be operating under stable conditions at a representative even load. In this context, start-up and shutdown periods shall be excluded. The Authority reserves the right to require an increase in the frequency of such measurements.
- 3.1.12 Sampling and analysis of polluting substances and measurements of process parameters shall be based on methods enabling reliable, representative and comparable results. Methods complying with harmonised EN standards shall be presumed to satisfy this requirement. All analysis shall be conducted by a laboratory accredited to at least EN ISO 17025:2017. In the case of in-situ monitoring, analysis shall be conducted via appropriately calibrated instrumentation. A copy of the laboratory's accreditation certificate and a valid calibration certificate for all instrumentation are to be provided to the Authority as part of the AER.
- 3.1.13 The monitoring results shall be submitted as part of the Annual Environmental Report of the year in which the monitoring has been carried out.
- 3.1.14 The Permit Holder shall maintain a record of the operating hours for each combustion plant and provide the Authority with such information in the format specified in the Annual Environmental Report.
- 3.1.15 Should the emission limit values in Table 3.1.9 be exceeded, as part of the AER, the Permit Holder is to propose measures that will be taken to ensure compliance with the emission limit values.

- 3.1.16 Following the submission of the AER for the previous reporting year, should the amount of operating hours of the combustion plant be less than 500 hours, as a rolling average over three years, the Permit Holder may apply with the Authority for an exemption from the emission limit values set out in Table 3.1.9, by submitting the information in Schedule 5.
- 3.1.17 The granting of such exemption described in Condition 3.1.16 shall be at the discretion of the Authority and shall be valid until such time that the rolling average of the operating hours over three years exceeds 500 hours, or until such time as prescribed by the Authority. The Authority shall communicate the expiry of the exemption in writing.
- 3.1.18 The exemption described in Condition 3.1.16 shall only exempt the Permit Holder from compliance with the emission limit values set out in Table 3.1.9. Monitoring is still to be carried out with the frequency indicated in the same table.
- 3.1.19 Should the Permit Holder intend to install equipment which could lead to additional emissions to air (e.g. an additional boiler, etc.), a variation of this permit must be secured prior to installation and operation of this equipment.
- 3.1.20 Fumes from frying shall pass through a filter system for removal of oils and fats.
- 3.1.21 Minor kitchen exhausts shall be treated and/or vented in such a way as to prevent adverse environmental effects. Low-level vents such as wall grills shall discharge above head height and be directed upwards.
- 3.1.22 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 adverse environmental effects.
- 3.1.23 All abatement equipment and ducting shall be cleaned and maintained on a regular basis (as per manufacturer specifications). Records of such cleaning and/or maintenance shall be kept in line with Section 4 of this permit.
- 3.1.24 In the event of malfunction leading to abnormal emissions, the Permit Holder must:
- a) investigate immediately and undertake corrective action;
 - b) adjust the process or activity to minimise those emissions;
 - c) record the cause of malfunction and actions taken; and
 - d) in the event of non-compliance causing immediate danger to the environment, suspend operations and inform the Competent Authority within 24 hours.
- 3.1.25 Further to condition 3.1.24, the Permit Holder shall provide the ERA with details of the specific cause of the malfunction and the remedial steps taken or to be taken to address the malfunction.
- 3.1.26 The Permit Holder shall prevent, or where that is not practicable, minimise fugitive emissions of substances to air from the permitted installation.
- 3.1.27 The Permit Holder shall inform the Authority in advance should the Permit Holder intend to use any further VOC solvents which because of their content of volatile organic compounds, are classified as carcinogens, mutagens, or toxic to reproduction, and are assigned or need to carry the hazard statements H340, H341, H350, H350i, H351, H360D or H360F and may fall

under S.L. 549.79. In this case, the Authority may set emission limits for these substances and monitoring requirements.

3.2 Effluent Discharges

- 3.2.1 The operations shall not hinder the achievement of the environmental objective of any protected area or for the relevant water body as established in the Water Policy Framework Regulations (S.L. 549.100) and the Flora, Fauna and Natural Habitats Protection Regulations (S.L. 549.44).
- 3.2.2 The Permit Holder shall not allow the introduction into groundwater of any substance included in the Regulations for the Protection of Groundwater against pollution and deterioration (S.L. 549.53). The Permit Holder 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.
- 3.2.3 In case of contamination to the seawater body (including but not limited to scum, foam, particulates or other residual matter) resulting from the permitted operations at the installation, the Permit Holder is to ensure:
- a) the polluting activity is immediately stopped;
 - b) contamination is contained, collected and disposed of at authorised facilities; and
 - c) to inform the Authority immediately on ced.coast@era.org.mt.
- 3.2.4 Discharges to the marine environment shall only take place through the discharge points specified in Table 3.2.4, as marked in Schedule 1B, as per description in the submitted renewal and variation application.

Table 3.2.4: Discharge point to marine environment		
Emission point reference¹	Source	UTM (WGS84) coordinates in decimal degrees
ED4	Reverse osmosis brine	35.906675, 14.508823
ED5	Surplus sea-water from sea-well	35.906351, 14.510068

- 3.2.5 The Permit holder shall determine the Total Annual Load of pollutants specified in Table 3.2.7 using the method approved by the Authority. Values shall be recorded and reported in line with Table 2.4.1 of S2.4 of Schedule 2 as part of the Annual Environment Report.
- 3.2.6 Monitoring of effluent ED4 shall be carried out by the Permit Holder on an annual basis for the parameters listed in Table 3.2.7. Sampling with replicates shall take place at least three (3) times during the year and is to reflect seasonal and operational variations (i.e. winter, summer, and summer peak). The Permit Holder shall ensure that sample collected is representative of effluent ED4 only.

¹ According to Section 6 of this new application

Emission point reference	Effluent	Parameter	Limit	Frequency
ED4	RO brine	Temperature	5°C above ambient at outlet	Minimum of 3 sampling exercises with replicates per annum, taking into account seasonal and operational variations.
		pH	6-10	
		Total dissolved solids (TDS)	N/A (mg/l)	
		Salinity	N/A (psu)	
		Dissolved oxygen	N/A (% saturation O ₂)	

- 3.2.7 The parameters, limits and frequency specified in Table 3.2.7 may be subject to revision by the Authority as deemed necessary. These limits shall not be used as means of selecting the detection limits of the equipment or analytical method to be used.
- 3.2.8 The Permit Holder shall ensure that any sampling and chemical analyses are carried out by a laboratory accredited or in the process of accreditation, as confirmed by the National Accreditation Body (NAB-Malta) or equivalent to at least EN ISO/IEC 17025:2017 and preferably for each and every test listed in Table 3.2.7. The Permit Holder shall include a copy of the laboratory's accreditation certification in the AER. Certificates of analyses are to be submitted with monitoring results.
- 3.2.9 In the case of monitoring that makes use of multi-parametric probes, these are to be calibrated as per instrumentation standard. A copy of latest certification is to be submitted to the Authority together with the monitoring results.
- 3.2.10 The results obtained may require the Permit Holder to submit an action programme to the Authority aimed at reducing the emissions of certain parameters, as deemed necessary by the Authority.
- 3.2.11 The effluent monitoring results shall be submitted as part of the Annual Environmental Report. The information contained in this report shall be prepared in accordance with the format specified in Schedule 2.
- 3.2.12 Foul sewer drains must be strictly segregated from storm water drains.
- 3.2.13 Rainwater from areas where contamination by oil or chemical is likely (such as loading/unloading and bunded areas) shall pass through an adequately sized interceptor.
- 3.2.14 The Permit Holder shall make sure that sampling, chemical analysis and any statistical data analysis is carried out according to the requirements in Schedule XI of S.L. 549.100.

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 contamination of land, the permit holder shall notify the Authority within twenty four (24) hours, forward a decontamination plan for the Authority's approval and execute it within an agreed timeframe.

3.4 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 The site shall be maintained in a tidy condition, free from litter and waste (whether arising from own activities/operations or external sources).
- 3.4.3 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.
- 3.4.4 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.
- 3.4.5 Packaging material and containers containing residual quantities of chemicals or which came into contact with hazardous substances shall be regarded as hazardous waste and shall be disposed of in an appropriate manner.
- 3.4.6 No storage of waste destined for disposal is permitted for a period exceeding twelve (12) months. No storage of waste destined for recovery is permitted for a period exceeding three (3) years.
- 3.4.7 The Permit Holder shall ensure that all waste management operations authorised in accordance with this permit are carried out in an orderly manner and in such a way as not to cause adverse impact on the environment.

3.5 Waste Recovery and Disposal

- 3.5.1 The Permit Holder shall be committed to reduce waste generation as much as possible.
- 3.5.2 The Permit Holder shall ensure to keep records for every consignment of waste removed from the permitted installation, 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. The records shall be maintained for a minimum period of five (5) years and be made available to the Authority upon request.
- 3.5.3 The Permit Holder is to prevent litter or other wastes escaping from the site boundary, particularly during loading/unloading. Any such escape of waste shall be collected immediately upon detection.
- 3.5.4 Off-site disposal or recovery of wastes may only take place at a facility licensed for that purpose.
- 3.5.5 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.

- 3.5.6 Each movement of hazardous waste transferred off site and every individual movement of hazardous waste shall also be covered by a valid consignment permit and consignment note, obtainable from the Authority.
- 3.5.7 Disposal and/or recovery certificates and any documentation related to transfer of waste to and from the site and/or related to its end disposal and/or recovery shall be kept on record and made available for inspection for a period of at least five (5) years from the date of their issue and shall be made available to the Authority upon request. Copies of such certificates shall be submitted on an annual basis as part of the AER.
- 3.5.8 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.
- 3.5.9 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.
- 3.5.10 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.

3.6 Storage

- 3.6.1 All bulk oil, chemicals, liquid fuel storage tanks and liquid wastes shall be provided with adequate secondary containment. Filling and off-take points shall be located within the containment system. The Permit Holder shall also ensure and take all precautions to avoid any leakages or spills from liquid or solid material.
- 3.6.2 The Permit Holder must ensure that the base and walls of all bunds are impermeable to the type of liquid they are intended to contain. The bunds shall be constructed using impervious material and ensuring that they can withstand the hydrostatic pressure which will be caused in the event of failure of one or more tanks within the bund. Any breaches in the bund base and walls by any valve or pipe used for draining the system shall be rendered to ensure that they are impermeable.
- 3.6.3 Bulk storage tanks for oils, chemicals, liquid fuels, liquid wastes and associated bunds and pipe work shall be visually inspected at least once a month. Such records shall be kept and made available to the Authority upon request.

- 3.6.4 Spillages of fuels 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.
- 3.6.5 Drums and containers of solvents, oils, lubricants 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.
- 3.6.6 Chemicals of different properties shall be stored as specified in respective Safety Data Sheets (SDS). 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.
- 3.6.7 The storage of flammable, toxic and hazardous substances shall be in line with the measures specified in the Safety Data Sheets (SDS) for that substance and the maintenance of safety critical equipment shall correspond to manufacturer specifications.
- 3.6.8 All small storages of oils and lubricants used for everyday site operations shall be equipped with a containment system such as drip trays in order to prevent leakages or spillages.

4 Site Management

4.1 Staff obligations and responsibilities

- 4.1.1 All employees authorised by the Permit Holder to undertake any permitted operations 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. They shall be provided with adequate professional technical development and training and written operating instructions to enable them to effectively carry out duties.
- 4.1.2 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.
- 4.1.3 Where the Permit Holder is also the designated TCP for the facility, a delegate TCP should also be appointed to represent the Permit Holder/TCP during the times when the Permit Holder/TCP will not be available.
- 4.1.4 In the event of any leave of absence taken by the TCP and delegate conjointly for a period exceeding 10 days, the Permit Holder is obliged to find a replacement for that member of staff without delay and the Authority informed accordingly.
- 4.1.5 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.
- 4.1.6 All the staff on site shall be fully aware of the procedures to be taken to contain any environmental hazard which may arise related to the operations being carried out on site.

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 SDS.
- 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 3.5 of this permit.
- 4.2.5 The Permit Holder shall have in storage an adequate supply of suitable absorbent material to absorb any spillage.
- 4.2.6 The refuelling and dispensing areas shall be impermeable to petroleum seepage.
- 4.2.7 If the operator makes use of a flexible pipe to deliver the fuel, the operator shall ensure that the following conditions are observed:
- a) The delivery end of the pipe is fitted with a pump or valve that closes automatically when not in use.
 - b) The valve or pump must be lockable and must be kept so when not in use.
 - c) The end of the pipe that leaves the tanker must be fitted with a lockable valve that must be shut when not in use.
- 4.2.8 Refuelling activities by road tanker shall be supervised at all times by personnel who are fully conversant with fuel filling procedures as relevant to their duties. Subcontractors who enter the site shall also be made aware of any obligations arising from the permit which might affect their duties.

4.3 Site records and archive

- 4.3.1 A site daily operations log shall be made in a legible manner 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 in tonnes and specific waste stream transferred from site;
 - 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;
- d) Any complaints related to the operations at the site;
- e) Any maintenance and inspections carried out on machinery and equipment; and
- f) Any defects or damage to the site security system.

Each record shall be compiled within twenty four (24) hours of the relevant event. The records kept in the daily operational log shall be made available for inspection at any time where the Authority representative request to inspect them.

- 4.3.2 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 14001:2015 or EMAS) or a non-standardised (customised) system, provided that it is properly designed and implemented. Guidance for a non-standardised system is included in Schedule 4 of this permit.

4.4 Closure and decommissioning

- 4.4.1 The Permit Holder shall notify the Authority prior to ceasing operations permanently in part or full, whereby an application for cessation of operations shall be made to the Authority and shall include a decommissioning plan.
- 4.4.2 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.
- 4.4.3 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.
- 4.4.4 The obligations arising from this permit shall subsist until the Authority confirms in writing that the decommissioning plan has been implemented to its satisfaction.
- 4.4.5 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.

4.5 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 2 of this permit and in the format specified therein.
- 4.5.2 All reports and written and/or verbal notifications required by this permit shall be made and sent to the Authority addressed to the Compliance and Enforcement Unit, Environment and Resources Authority.

- 4.5.3 In the event where operations cease temporarily (2 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

- 5.1.1 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.

Schedule 1 (A)

Site Map



Fig. 1.1: Site of permitted installation, showing the permitted building in a red outline, for the carrying out of the operations specified in condition 1.1.1.1. The extent of the site boundary is indicative and shall not be used for interpretation purposes.

Schedule 1 (B)

Site Layout Plans –Sea-well and Effluent Discharges to sea

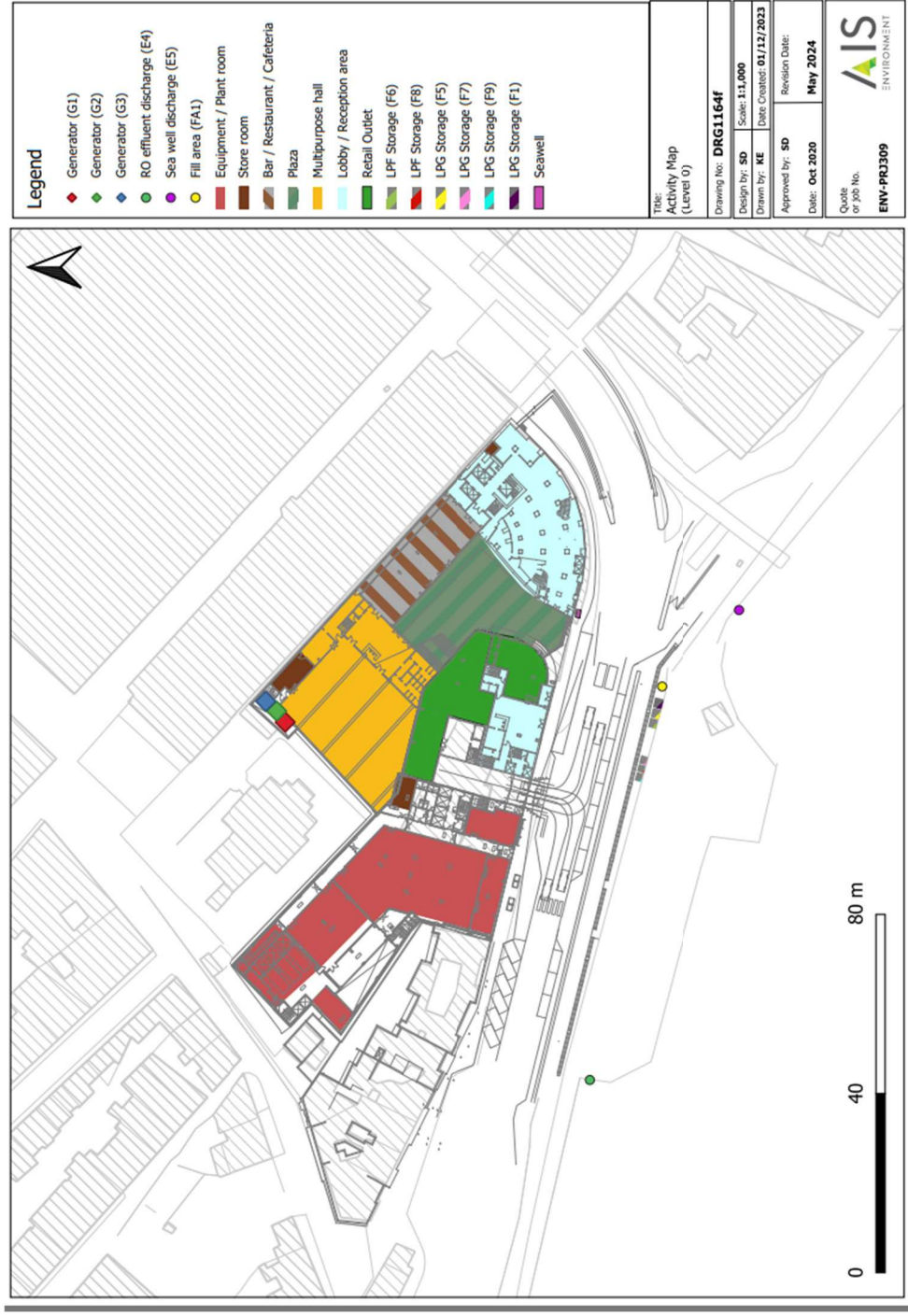


Fig. 1.2: Discharge Point of permitted installation for the carrying out of the operations specified in condition 1.1.1.1. The extent of the site boundary is indicative and shall not be used for interpretation purposes.

Schedule 1 (C)

Site Layout Plan – Emissions to Air Point Sources – (Level 0)

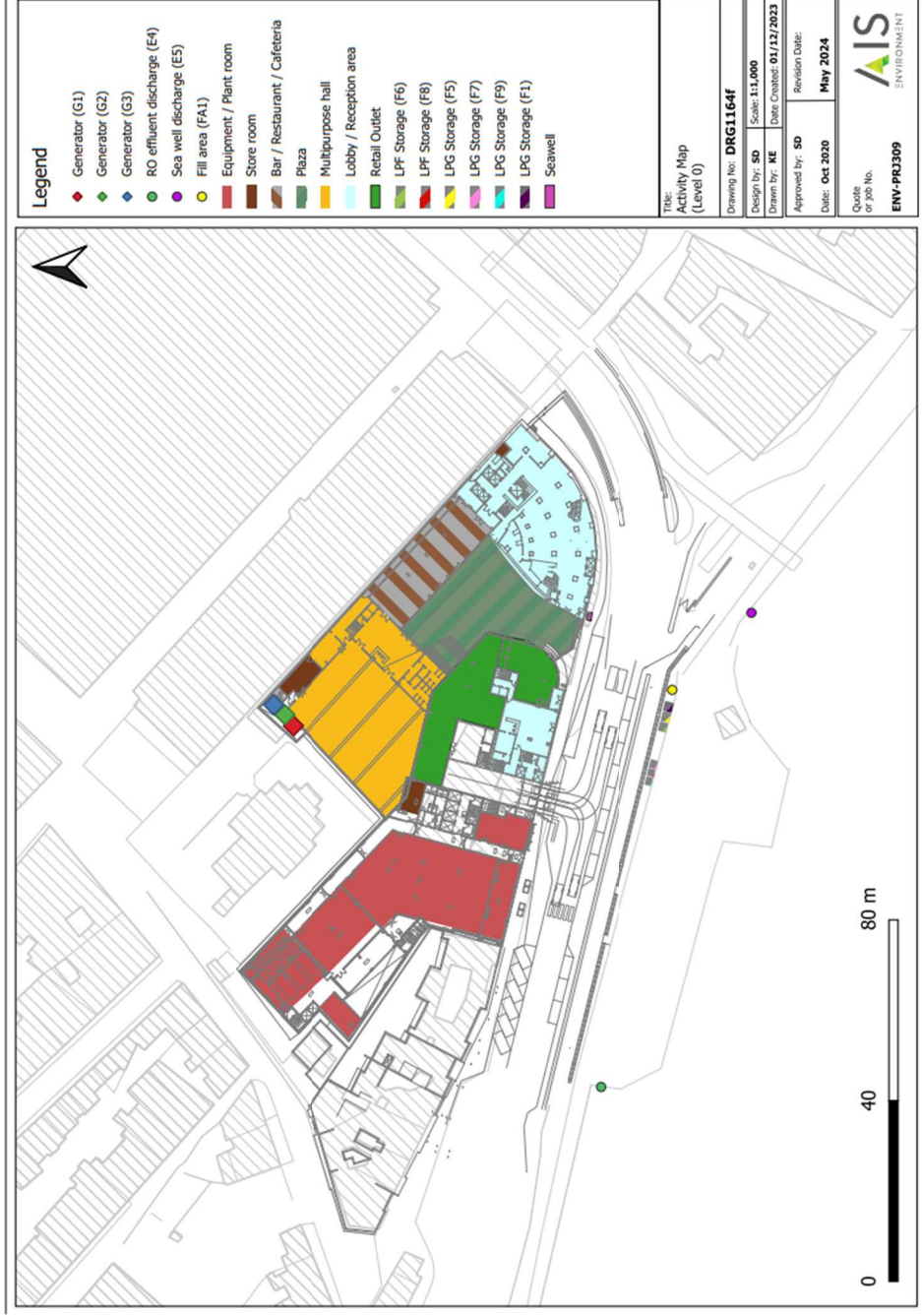


Fig. 1.3: Site of permitted installation for the carrying out of the operations specified in condition 1.1.1. The extent of the site boundary is indicative and shall not be used for interpretation purposes.

Schedule 1 (D)

Site Layout Plan showing the LPG Fuel Storage (F1, F5, F6, F7, F8 and F9) and refuelling point. (Level 0)

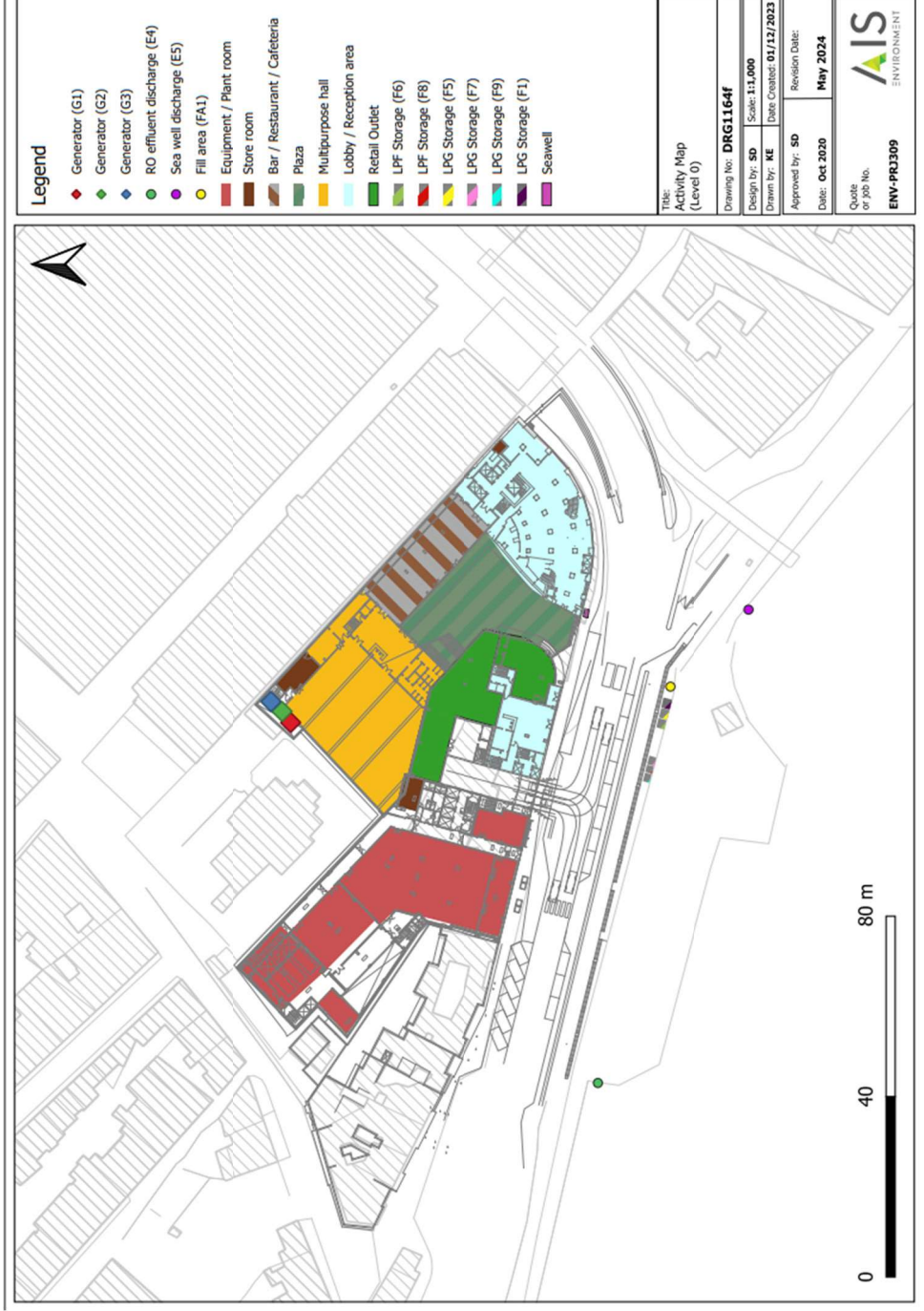


Fig. 1.4: Site of permitted installation for the carrying out of the operations specified in condition 1.1.1.1. The extent of the site boundary is indicative and shall not be used for interpretation purposes.

Schedule 1 (E)

Site Layout Plan showing the Fuel Storage Areas F2 and F3 (Level -3)

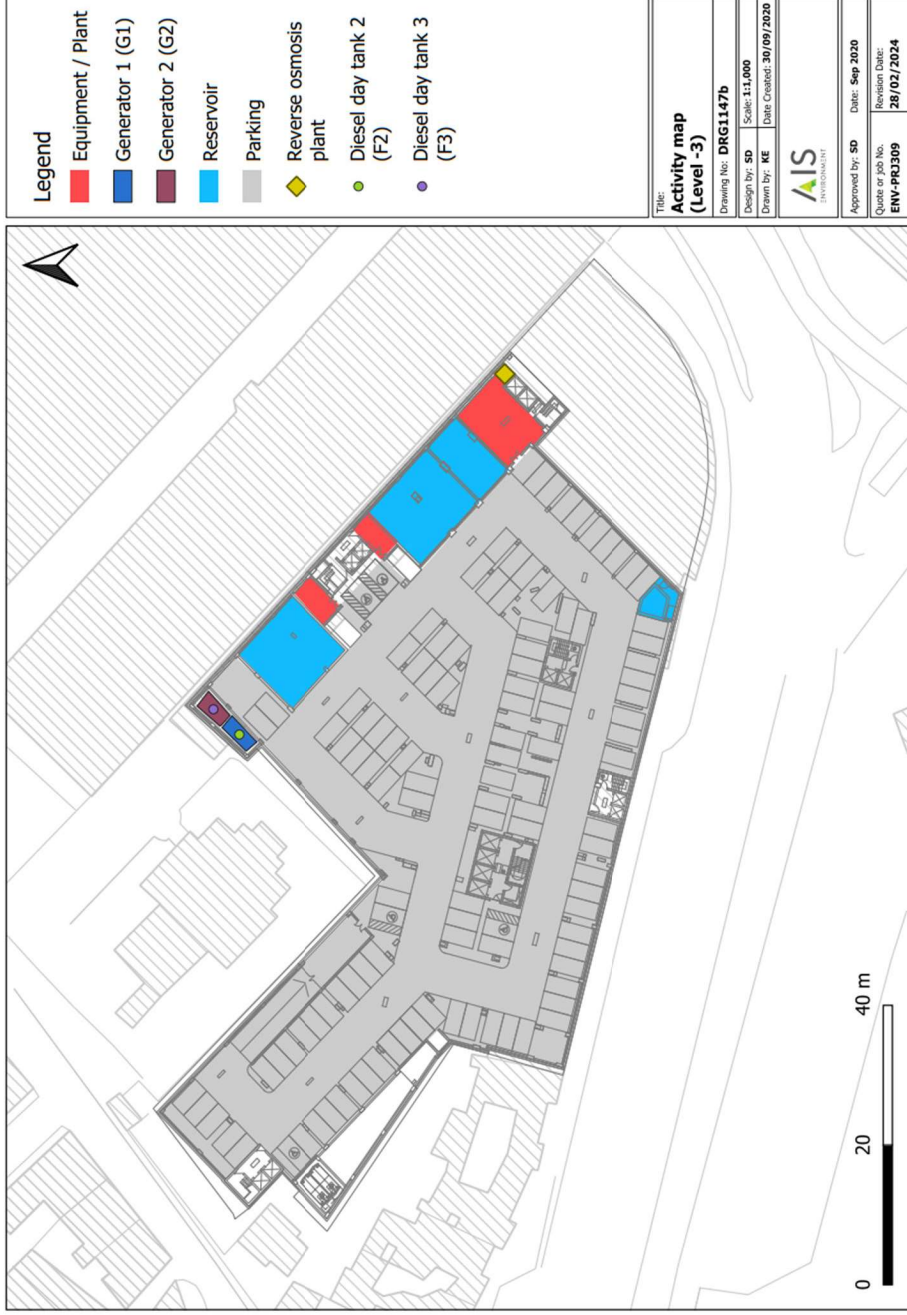


Fig. 1.5: Site of permitted installation for the carrying out of the operations specified in condition 1.1.1. The extent of the site boundary is indicative and shall not be used for interpretation purposes

Schedule 1 (F)

Site Layout Plan showing the Fuel Storage Area (F4) and Waste Storage Areas (level -1)

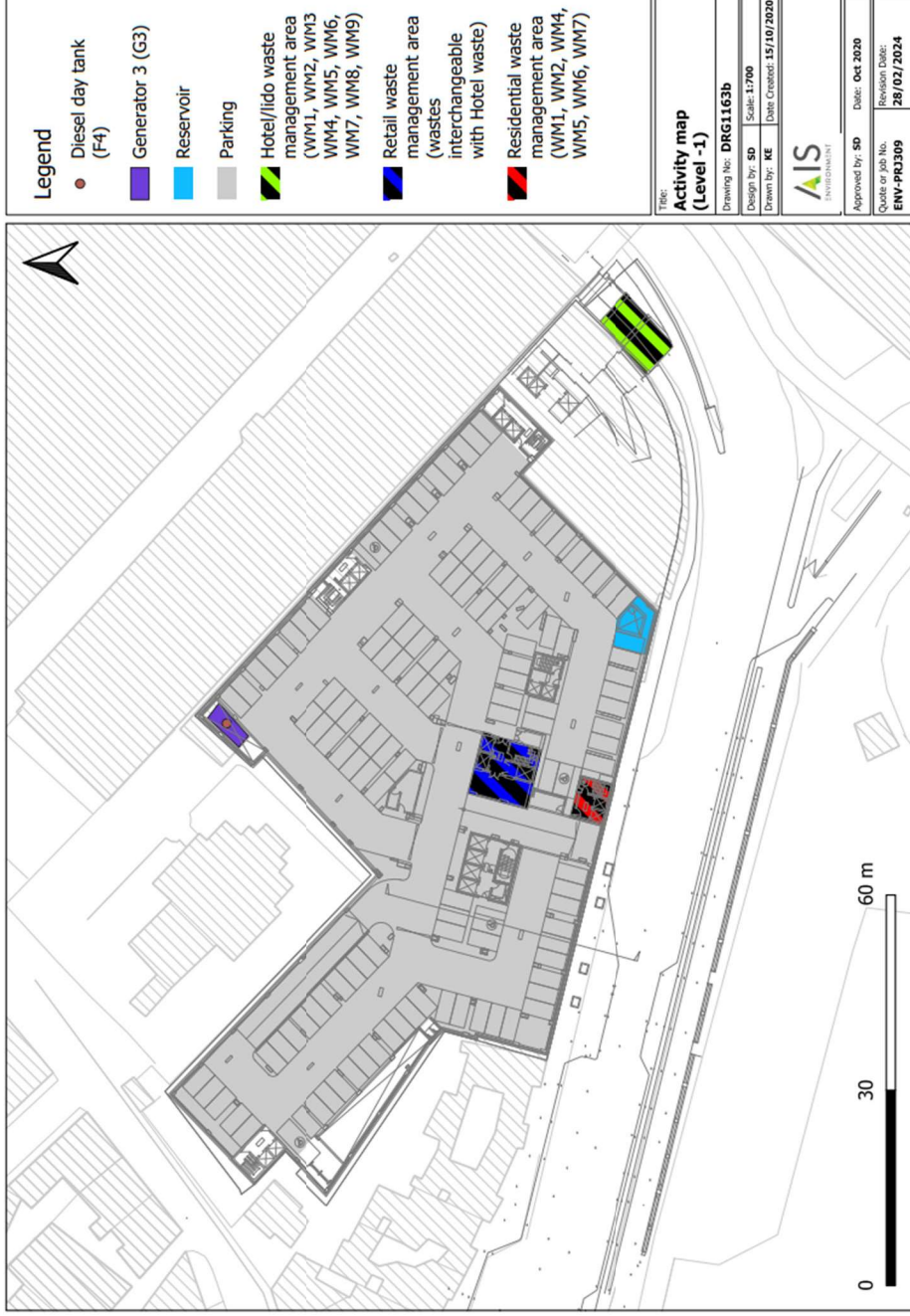


Fig. 1.6: Site of permitted installation for the carrying out of the operations specified in condition 1.1.1. The extent of the site boundary is indicative and shall not be used for interpretation purposes

Schedule 2

Annual Environmental 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 operations at the site	

S2.2 Waste Records

S2.2.1 Waste Records (waste removed from site)

Waste Type		Amount (tonnes/number)	Location of Disposal	
Other (please specify)				
Hazardous waste	EWC code ¹	Consignment note number	Destination	Quantity (tonnes)
Off-site transfers of hazardous waste (e.g.: Waste Oils)				

¹ <https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:02000D0532-20150601&qid=1475495799963&from=EN>

S2.3 Monitoring Data

S2.3.1 Emissions to the marine environment

Emission point reference	Effluent	Parameter	Emission Limit Value	Standard methodology used	Total annual number of exceedances ¹	Concentration (annual mean) ²	Unit	Flow rate ³ (m ³ /hr)	Total annual load (kg)
ED4	RO brine	Temperature	5°C above ambient at outlet				°C		/
		Ambient temperature at outlet	N/A		/		°C		/
		pH	6-10				-		/
		Total dissolved solids (TDS)	N/A		/		mg/l		
		Salinity	N/A		/		psu		
		Dissolved oxygen	N/A		/		% saturation O ₂		

¹ If the total number of exceedances exceeds 0, the value of each of these exceedances (for the reporting year) must be submitted in a separate report, together with action taken to regularise the situation.

² Annual average (mean) per parameter of the sampling exercises in winter, summer and summer peak, as per condition 3.2.7).

³ The flow rate of the brine reject shall be taken as a reading from the RO plant.

S2.3.2 Emissions to air

Parameter	Emission point reference	Limit Value (mg/Nm ³)	Standard methodology used	Type of monitoring (in-situ / at an accredited lab)	Measurement Error	Concentration (Annual Average)			Total Annual Load		
						Unit	Previous reporting period	Present reporting period	Unit	Previous reporting period	Present reporting period
CO	PS1	-							kg		
NOX	PS1	190							kg		
CO	PS2	-							kg		
NOX	PS2	190							kg		
CO	PS3	-							kg		
NOX	PS3	190							kg		
Name of laboratory(ies) where tests in this section have been carried out (as applicable)											
Accreditation certificate of laboratory that carried out the emission monitoring AND/OR a valid instrument calibration certificate											

S2.3.3 Corrective Action (to be compiled if emission limit values in S2.3.1 and S2.3.2 above are exceeded)

Emission Point Reference	Proposed Action (may include reference to additional documentation)
PS1	
PS2	
PS3	

S2.4.1 Fuel Consumption Data (combustion plants not subject to S.L. 549.122)

Equipment	Fuel type	Annual Fuel Consumption	Units

S2.4.2 Fuel Used

	G1	G2	G3
Fuel Type			
Quantity of Fuel Used			

S2.4.5 Annual Operating Hours and waste gas flow rate

	G1	G2	G3
Annual Operating Hours			
Volumetric Waste gas flow rate (Nm ³ /hour)			

S2.5 Incidents and Complaints

S2.5.1 Non-Compliance Incidents during Reporting Year

Date of incident	Brief description of Incident	Cause	Corrective action

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

S2.5.2 Complaints made by the public or through the Authority

Date of complaint	Description of complaint	Actions taken

Total number of complaints for previous reporting year:	
Total number of complaints for current reporting period:	

S2.5.3 Submission of Certificates/Documentation/Reports

Condition number	Documentation
1.5.1	Implementation and Submissions of the Improvement Programme Items.
3.1.9 and 3.1.13	Monitoring results for PS1, PS2 and PS3. ¹
3.1.12	Certificates of analyses and accreditation certificate of laboratory and calibration certificate for all instrumentation that carried out the sampling and/or analyses of emissions from PS1, PS2 and PS3. ²
3.2.6 and 3.2.11	Monitoring results for ED4. ³
3.2.8 and 3.2.9	Certificates of analyses and accreditation certification of laboratory that carried out the sampling and chemical analyses of ED4. ⁴
4.5.1	Submission of the Annual Environmental Report (AER). ⁵

¹ Monitoring to be carried out within 4 months of the permit's granting and every three years thereafter. The results shall be submitted as part of the AER.

² To be submitted together with the monitoring results for PS1, PS2 and PS3 as part of the AER.

³ Monitoring to be carried out three times annually and the results shall be submitted as part of the AER.

⁴ To be submitted together with the monitoring results of ED4 as part of the AER.

⁵ To be carried out by the end of March each year.

Permit Holder'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

Schedule 3

List of waste produced on site

European Waste Codes	Description of Waste
20 01 25	Edible oil and fat
20 01 39	Plastics
20 01 40	Metals
20 03 01	Mixed municipal waste
20 01 08	Biodegradable kitchen and canteen waste
20 01 02	Glass
20 01 01	Paper and cardboard
16 06 01	Lead Acid Batteries
20 01 36	Discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35

Schedule 4

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 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 nonconformity 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.

Schedule 5

Template for Exemption from Emission Limit Values

In view of the operating hours of combustion plant [G1, G2 and G3] as described in EP 1106/21, I Edward Zammit Tabona, as the Permit Holder responsible for the combustion plants at Dolphin Court, Tigne Seafront, Sliema – SLM 3012, submit my request to Authority to be exempt from the Emission Limit Values set out in Table 3.1.9 of the above-mentioned permit for the year [INSERT YEAR].

Diesel Generator G1 (PS1)	
Operating Hours in 2024	
Operating Hours in 2025	
Operating Hours in 2026	
Operating Hours in 2027	
Operating Hours in 2028	
Rolling Average over 3 (three) Years	

Diesel Generator G2 (PS2)	
Operating Hours in 2024	
Operating Hours in 2025	
Operating Hours in 2026	
Operating Hours in 2027	
Operating Hours in 2028	
Rolling Average over 3 (three) Years	

Diesel Generator G3 (PS3)	
Operating Hours in 2024	
Operating Hours in 2025	
Operating Hours in 2026	
Operating Hours in 2027	
Operating Hours in 2028	
Rolling Average over 3 (three) Years	

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)

END OF PERMIT