

Environmental Permit

Environment Protection Act (CAP. 549)

Permit number
EP 00013/09/B

Approved Documents:
EP 0013/09/B/DOC1
EP 0013/09/B/DOC2

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 Alexander Falzon obo Mediterranean Offshore Bunkering Co. Ltd (hereinafter “the Permit Holder”),
Company number: **C6052**

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

**Grand Harbour Bunker Terminal,
Spencer Hill
Marsa
MRS1952**

to operate a fuel terminal as per conditions and limitations stipulated in this permit at:

**Grand Harbour Bunker Terminal,
Spencer Hill
Marsa
MRS1952**

This permit is valid for two (2) 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: 18 /12 /2019

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 Environmental Permit Application, or as otherwise previously agreed in writing by the Authority.

This permit is being granted without prejudice to the action taken by the Authority in OWK17/19.

1.1. Status Log

Detail	Date
EP application submitted	10 th September 2009
Permit Granted (A)	20 th October 2015
Request for Variation (B)	18 th October 2016
Request for Renewal (B)	30 th October 2018
Renewal and Variation Determined (B)	4 th October 2019

1.2. Permitted Activities

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

Activity	Description of specified activity	Limits of specified activity
Storage and blending of heavy fuel oil and gas oil only.	<p>Discharge and storage of heavy fuel oil and gas oil from barges and tankers.</p> <p>Loading of fuel into barges from Flagstone Wharf.</p> <p>Refuelling of vessels for their own propulsion from Flagstone Wharf.</p> <p>Loading of fuel onto road tankers for local use.</p> <p>Blending of heavy fuel oil and gas oil without the addition of additives.</p>	From receipt of heavy fuel oil and gas oil to storage, blending and unloading to the designated user.
Associated activity of utilities	<p>Two boilers running on gas oil to produce steam and hot water.</p> <p>Pipelines for transfer of fuel oil and gas oil to and from bunkers.</p>	<p>From receipt on site to the boiler fuel tank to use within boiler for heating of tanks.</p> <p>Transfer between tanks, barges and vessels.</p>

	Interceptors for collection of bund water and tank draining Two fire pumps running on gas oil pumping sea water.	Collection of oily water in interceptor, transfer to 5ppm oily water separator and transfer to third parties as waste. From pumping of sea water into pump to the use of fire pump for firefighting purposes.
Associated activity of storage, treatment and disposal/recycling of waste materials generated on site.	Handling, storage and treatment of wastes from installation prior to disposal.	From generation of waste to removal from site.

1.3. **Site**

1.3.1. The activities authorised under Condition 1.2.1 shall not extend beyond the Site, as shown on the Site Plan in Schedule 5 to this Permit.

1.4. **General Conditions**

1.4.1. The conditions and obligations of this permit are without prejudice to any other regulation, code of practice, conditions or requirements requested by other Authorities or entities, including but not limited to the Planning Authority, the Occupational Health and Safety Authority, Transport Malta and the Regulator for Energy and Water Services (REWS).

1.4.2. This permit is granted saving third party rights. The Permit Holder is not excused from obtaining any other permission required by law.

1.4.3. A copy of this permit shall be available at all times on site at the permitted facility, including any Variation Notices or amendments to it.

1.4.4. All persons have a duty of care to protect the environment. The Permit Holder shall become familiar with his legal obligations and good environmental practice.

1.4.5. The site shall be maintained in a tidy condition, free from litter and waste (whether arising from own activities or external sources).

1.4.6. The site must be well secured at all times.

1.4.7. The Permit Holder shall maintain a register of third party complaints. The register shall record the details of complainant(s) if available, the date, source and nature of the complaint and the corrective action undertaken, where such action proves necessary.

1.4.8. All plant, equipment and technical means used in operating the Permitted Installation shall be maintained in good operating condition and without causing polluting emissions, leaks and spillages. The Permit Holder shall keep maintenance records as per Section 4.

1.4.9. 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.

- 1.4.10. The Authority may request additional 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.
- 1.4.11. Without prejudice to Condition 1.4.10, the Authority may take any action deemed necessary including but not limited to the suspension of any activity/operation until investigations are concluded.
- 1.4.12. The permit is valid for a period of 2 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 granted by the Authority.
- 1.4.13. The permit is granted against a Bank Guarantee of €40,600 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.
- 1.4.14. The Bank Guarantee shall remain in place for the duration of the validity of this permit and shall only be released upon confirmation of full compliance with the permit conditions by the Authority.
- 1.4.15. The Authority may take part or all of the bank guarantee if the Permit Holder fails to take the necessary action, in cases of non-compliance with these permit conditions, the Act or any subsidiary legislation thereof, or in cases where environmental integrity is threatened. This bank guarantee is without prejudice to any environmental liabilities that may ensue through failure to adhere with 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.
- 1.4.16. In cases where the bank guarantee does not cover the expenses incurred by the Authority to undertake any remedial action failed to be undertaken by the Permit Holder, the Permit Holder is to financially reimburse the Authority of all the expenses incurred.
- 1.4.17. 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.
- 1.4.18. 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.
- 1.4.19. 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.
- 1.4.20. The Authority may suspend or revoke this environmental permit in line with the provisions of CAP 549.
- 1.4.21. The Permit Holder shall undertake all necessary measures and precautions to prevent spillage of raw materials, intermediates, products, waste and any other materials
- 1.4.22. 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.

1.4.23. Upon the joint application of the 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 any of the Permit Holders from his environmental obligations and liabilities.

1.4.24. Any incident including accidental release of liquid, solid or gaseous materials from the site that could be regarded as causing environmental damage, or as posing a threat of environmental damage, shall be reported as soon as possible and not later than within 24 hours to ERA, without prejudice to the emergency plan of the installation and Health and Safety.

1.5. **Operational Changes**

1.5.1. 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.

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

1.5.3. The Permit Holder shall give written notification as soon as practicable and prior to any of the following:

- a. Cessation of operation of part or all of the Permitted Installation for a period likely to exceed 1 year; and
- b. Resumption of the operation of part or all of the Permitted Installation after a cessation notified under Condition 1.5.3.a.

1.5.4. 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; and
- b. Any change to particulars of the Permit Holder's corporate identity.

1.6. **Improvement Programme**

1.6.1. The Permit Holder shall complete the improvements specified in Table 1.6.1 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 such requirement).

Table 1.6.1: Improvement programme		
Reference	Requirement	Deadline
15	Movement of the boiler fuel fill point into an adequately bunded area	Within 3 months of the granting of the permit
16	Submission of an Odour Management Plan as per Condition 2.2.4.	Within 4 months of the granting of the permit
17	Submission of certification showing that cesspit for bund waters is built in accordance with Activity 43 of S.L. 549.45.	Within 6 months of the granting of the permit
18	(1) Submission of a method statement as to how the tank field bund shall be covered with an impermeable render that retains its integrity in the case of a bund fire / fuel leak; and (2) Completion of works and submission of certification by a warranted engineer or architect certifying that the bunds are in line with the requirements in (1) above and Condition 2.4.12	(1) Within 6 months of the date of granting of the permit (2) Within 24 months of the date of granting of the permit.
19	Installation and Commissioning of boiler consumption metres for Boiler 1 and Boiler 3	Within 12 months of granting of the permit
20	Installation of appropriate secondary containment for the fire-fighting foam stored on site	Within 12 months of granting of the permit
21	Installation of appropriate secondary containment in accordance with Condition 2.4.3 for the storage of fuel used for the fire pumps and any generated waste on the quay side	Within 12 months of granting of the permit
22	Installation and Commissioning of breakaway couplings for all fill points on the quayside	Within 15 months of the granting of the permit
23	Installation and Commissioning of air flow metres for the waste gas from Boiler 1 and Boiler 3	Within 24 months of the granting of the permit

1.7. Off-site Conditions

- 1.7.1. The Permit Holder shall ensure that no chemicals, fuels or waste escape to the environment especially when transporting such materials offsite or onsite. This shall include transfer of fuel from vessel to tanks and vice versa through any pipework or otherwise, both above and underground.
- 1.7.2. All off-site pipelines forming part of the transferring system from the vessel which is unloading fuel into the tanks within the tank farm shall have adequate secondary containment and shall be certified by an independent warranted architect or engineer for the first time within one year of the granting of this permit and thereafter at least once every three years. The certification shall be submitted to the Authority as part of the AER.

2. Operating Conditions

2.1. Emissions to Air

- 2.1.1. 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.
- 2.1.2. Emissions to air shall only arise from the emission points specified in Table 2.1.2, as described in approved document EP 0013/19/B/DOC1 and EP 0013/19/B/DOC2.

Emission point references ¹	Source
PS1	Fuel Tank RM6
PS2	Fuel Tank RM7
PS3	Fuel Tanks RM5, RM2, RM9
PS4	Fuel Tanks RM4, RM8
PS5	Fuel Tank RM3
PS6	Fuel Tanks RM4, RM1, RM10, RM11, RM12
PS7	Road Tanker Loading Bay
PS8	Boiler B1
PS9	Boiler B3
PS10	Fire Pump 1
PS11	Fire Pump 2

- 2.1.3. ERA recommends that diesel (gas oil) used for the boilers and fuel pumps shall have a Sulphur content not greater than 0.1%.
- 2.1.4. Only gas oil shall be utilised as a source of fuel for the boilers, and the co-incineration of any material or additional fuel including engine or other waste oil is strictly prohibited. Any change in fuel type shall require the notification and approval of the Authority prior to commencement of its utilisation.
- 2.1.5. The Permit Holder shall submit certification by an independent warranted engineer showing that the combustion plants are in good working condition. This certification shall include the boilers (PS8, PS9) and fire-pumps (PS10, PS11) referred to in Table 2.1.2. The certifications shall be submitted every 3 years as part of the Annual Environmental Report (AER).
- 2.1.6. Industrial combustion plants 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.
- 2.1.7. The limits for emissions to air for the parameters and emission points set out in Table 2.1.3 shall not be exceeded. The limits are defined at a temperature of 273,15 K, a pressure of 101,3 kPa and after correction for the water vapour content of the waste gases and at a standardised O₂ content of 3%.
- 2.1.8. Every 3 years, the Permit Holder shall submit a certification for the emissions from each boiler referred to in Table 2.1.3 from an independent warranted engineer. The certification shall be submitted as part of the Annual Environmental Report (AER) with the first measurement taken within four months of the granting of the permit. The Authority reserves the right to require an increase in the frequency of such measurements.

¹ According to Section 7.1 of the application (as revised on 12th September 2019).

Table 2.1.3 : Emission limits to air and monitoring			
Combustion Plants	Emission point reference	Parameter	Limit
Boiler 1	PS8	Carbon monoxide	-
		Dust	50 mg/m ³
		Nitrogen oxides	200 mg/m ³
Boiler 3	PS9	Carbon monoxide	-
		Dust	50 mg/m ³
		Nitrogen oxides	200 mg/m ³

- 2.1.9. The certification shall include measurement of Nitrogen oxides and carbon monoxide. 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.
- 2.1.10. Dust shall be monitored when indicated by the Authority.
- 2.1.11. 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 17025:2005/Corr 1:2006 and preferably for each and every test listed or alternatively, with a suitably calibrated measuring instrument. Copy of the laboratory's accreditation certificate or a valid instrument calibration certificate are to be provided to the Authority as part of the AER.
- 2.1.12. The Permit Holder shall keep a record of and process all monitoring results in such a way as to enable the verification of compliance with the emission limit values in Table 2.1.3.
- 2.1.13. The exhaust from general building ventilation (e.g. extractors or fans in walls or roofs) shall be vented in such a way as to avoid adverse environmental effects and in accordance with applicable legislation in this regard.
- 2.1.14. Should the Permit Holder intend to install equipment that could lead to additional emissions to air (e.g. boiler, generator etc.), a variation of this Permit must be secured prior to installation and operation of this equipment.
- 2.1.15. Any pressure vacuum valves or other similar devices shall be certified for correct functioning, including checking for extraneous matter, correct seating and the presence of corrosion at least once every three years, with the first certification issued within four months of the granting of the permit. This shall be carried out in accordance with the manufacturer and installer certifications by an independent warranted engineer. This shall be included as part of the Annual Environment Report (AER) of that particular year.
- 2.1.16. All abatement equipment and ducting shall be cleaned and maintained and record of such maintenance is to be kept in accordance with Condition 1.4.8 of this permit (as per manufacturer specifications).
- 2.1.17. The Permit Holder shall ensure that all abatement equipment is fully functional especially during tank heating, blending activities, tank-to-tank transfers and discharge into a transshipment vessel.
- 2.1.18. Replacement of the abatement equipment shall be carried out within the timeframes specified by the manufacturer or as soon as these are saturated whichever comes first. The Permit Holder shall keep a set of spare abatement equipment on site ready for replacement.

- 2.1.19. The Permit Holder shall prevent or where that is not practicable reduce fugitive emissions of substances to air from the Permitted Installation. Any alternative techniques to be applied by the Permit Holder shall be no less effective than those applied within the installation and shall be approved in writing by the Authority prior to their implementation.
- 2.1.20. 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.
- 2.1.21. Further to Condition 2.1.20, the Permit Holder shall, at the written request of the Authority and within 10 working days, identify the specific cause of the of the abnormal emission and examine means for its elimination or minimisation including:
- a. Relocating / redesigning / extending the stack(s) or vent(s) to a point where the issue minimised.
 - b. Replacement of fuel.
 - c. Preventative measures such as replacement of process materials (e.g. odorous solvents) by more environmentally sensitive compounds.
 - d. Improved storage of materials.
 - e. Use of additional abatement measures.
- 2.1.22. Further to Condition 2.1.20, the Permit Holder shall provide the Authority with details of the specific cause of the malfunction and the remedial steps taken or to be taken to address the malfunction.

2.2. **Odour and Fugitive Emissions**

- 2.2.1. The Permit Holder shall use the best possible practice so as to prevent or where that is not practicable to reduce fugitive emissions of substances to air from the Permitted Installation to levels which are not a public health or environmental hazard, in particular from the:
- a. Process areas including the tank farm
 - b. Fuel transfer area including the yard
 - c. Storage areas, including fuel storage and waste storage
 - d. Tanks fitted with the odour control system
 - e. Pipes, valves and other transfer systems
 - f. Open surfaces
- provided always that the techniques used by the Permit Holder shall be no less effective than those described in the Application, where relevant.
- 2.2.2. All emissions to air from operations on the site shall be free from odours at levels as are likely to cause pollution of the environment, harm to human health or serious detriment to the amenity of the locality outside the Site boundary, as perceived by an authorised officer of the Authority.

- 2.2.3. The Permit Holder shall ensure that all appropriate measures are taken to prevent or where that is not practicable to reduce odorous emissions from the permitted installation, in particular by:
- a. Controlling operational activities to minimise the generation of odour;
 - b. Optimising the performance of abatement systems;
 - c. Timely monitoring, inspection and maintenance;
 - d. Employing an approved odour management plan;
- provided always that the techniques used by the Permit Holder shall be no less effective than those described in the Application, where relevant or as otherwise agreed upon with the Authority.
- 2.2.4. Further to Item 16 of the Improvement Programme in Table 1.6.1, within four (4) months of the granting of this permit, the Permit Holder shall submit an Odour Management Plan aimed at preventing, monitoring and mitigating the odours that may be generated on site. This Plan shall include an olfactory monitoring proposal to be approved by the Authority.
- 2.2.5. Once the Odour Management Plan requested in Condition 2.2.4 is approved by the Authority, the olfactory monitoring, shall be carried out in the following instances:
- a. At least daily by the site manager or supervisor;
 - b. By site staff supervising individual un/loading activities to both vessels and road tankers, during the carrying out of those operations;
 - c. By the site manager or supervisor during heating of fuel;
 - d. By the site manager or supervisor during blending of fuel; and
 - e. By an odour panel (as per Conditions 2.2.9 – 2.2.13) during un/loading of gas oil at least once a year and fuel oil at least twice a year.
- 2.2.6. All olfactory monitoring is to be done at the site boundary downwind of the terminal and shall be recorded.
- 2.2.7. Upon detection or notification of odorous emissions that are noted beyond the site boundary at such levels that might indicate the presence of substances that might cause pollution of the environment or harm to human health or serious detriment to the amenity of the locality, immediate action shall be taken to stop the activity giving rise to the emission and, if possible, to suppress the emission. The incident and the remedial action shall be recorded and submitted together with the records of the olfactory monitoring described in Condition 2.2.8.
- 2.2.8. Monitoring records for the olfactory monitoring requested in Conditions 2.2.5 shall be submitted to the Authority as part of the AER of that particular year and shall include the following:
- a. Weather conditions including wind direction, wind speed and temperature;
 - b. Coordinates from where the monitoring was performed;
 - c. Any odours which were detected, including a brief description of the odour and intensity of the odour;
 - d. Any abatement equipment which was being used at the time of monitoring; and
 - e. Any actions taken in accordance with Condition 2.2.7.

- 2.2.9. The odour panel performing the olfactory monitoring described in Condition 2.2.5 shall consist of at least five persons but not exceeding seven persons as follows:
- a. Two representatives of the Authority, who shall chair the panel
 - b. At least one member who is a third party environmental consultant
 - c. At least one representative from the Marsa Local Council
 - d. One representative for the Permit Holder

Details of the odour panel shall be provided to the Authority by not later than 1 month prior to the first instance of the monitoring.

- 2.2.10. The Permit Holder shall provide any secretarial assistance for taking minutes during the meeting of the odour panel and any technical assistance, as required.
- 2.2.11. Following each instance of olfactory monitoring, the representative of the Permit Holder within the odour panel shall draft a report for the monitoring session. Such report shall include a list of the attendees on the date and the items listed in Condition 2.2.8.
- 2.2.12. The report mentioned in Condition 2.1.11 shall be circulated with all attendees of the monitoring for any comments or updates as required. A period of 15 days shall be provided and in the absence of comments, it shall be construed that the member is in accordance with the contents of the circulated report. This report shall be submitted to the Authority as part of the AER of that particular year.
- 2.2.13. The Authority may request more frequent olfactory monitoring by the odour panel, as it deems necessary.

2.3. **Effluent Discharges**

- 2.3.1. No direct or indirect discharge to sea of any effluent (including bund waters) shall take place from the installation unless under the conditions prescribed in Condition 2.7.4.
- 2.3.2. The discharge point of the oil/water interceptor shall be sealed with a seal which has a unique identification number.
- 2.3.3. Without prejudice to Condition 2.7.4, the valve controlling the discharge of the oil/water interceptor shall be kept sealed at all times.
- 2.3.4. Rainwater shall not be discharged into the cesspits. Foul sewer drains must be strictly segregated from storm water drains
- 2.3.5. Clean rainwater shall be segregated from all process areas that are potentially contaminated with raw materials, intermediates and/or products. If this is not possible, rainwater from areas where contamination by oil or chemicals is likely (such as loading/unloading and banded areas) shall pass through an adequately sized interceptor.
- 2.3.6. The Permit Holder shall undertake all necessary measures and precautions to prevent spillage of oils, wastes and any other materials. Drainage of water collected in bunds shall be adequately collected and stored on site prior to off-site disposal as waste.

2.4. Storage of Petroleum Products and Chemicals

- 2.4.1. The Permit Holder shall ensure that all product storage tanks are of sufficient strength and structural integrity. All process and storage tanks should be rendered impervious to the substance stored in them.
- 2.4.2. All product tanks shall be provided with an adequately designed bund system with an impermeable base and walls, as per relevant REWS standards. The capacity of the bund shall be a minimum of 110% of the largest tank within the bund or 25% of the total volume of all the tanks within the bund. All filling and off-take points shall be located within the bund. The Permit Holder shall also ensure and take all precautions to avoid any leakages or spills from liquid or solid material.
- 2.4.3. Containers for bulk storage of chemicals and fuels shall be properly designed, located, labelled, banded and maintained so as to prevent accidental spillage. 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 the greater. All filling and off-take points shall be located within the bund.
- 2.4.4. The Permit Holder must ensure that the base and walls of all bunds are impermeable to water and petroleum products. The bunds shall be constructed using impervious material and ensuring that it 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.
- 2.4.5. Blending activities on site shall be limited to blending of heavy fuel oil and gas oil only without the addition of any other additives. Such activities shall take place within the banded tanks described in the application. Any new equipment which may be installed in order to assist the blending activities on site is subject to approval by the Authority.
- 2.4.6. All product tanks in the tank farm shall be fitted with high liquid level alarms.
- 2.4.7. The Permit Holder shall carry out ultrasonic testing of shell thickness on fuel tanks and report this as part of the AER. Such testing shall be carried out every 4 years in accordance with the methods specified in API 653. The first test shall be carried out within 1 year of the granting of the permit.
- 2.4.8. No other chemicals other than those listed in the environmental permit application² shall be used. The utilisation of other chemicals shall be subject to approval by the Authority.
- 2.4.9. Chemicals of different properties shall be stored and handled as specified in respective Material Safety Data Sheets. Such sheets shall be made available and accessible to personnel responsible for the management of the storage areas and for inspection by the Competent Authority. Incompatible chemicals shall not be stored within the same bund.
- 2.4.10. Bund valves shall be maintained in a closed position except during bund drainage.
- 2.4.11. Bund valves are to be secured with safety locks, the removal and reinstatement of which is to be logged and cross-signed.
- 2.4.12. All bunds and catchment pits shall be certified for integrity by an independent warranted architect or engineer at least once every three years, with the first certification being carried out within the timeframe provided in Table 1.6.1. The certification is to be submitted as part of the AER.

² Section 4.3 and Section 4.4 (as revised on 12th September 2019).

- 2.4.13. The Permit Holder shall ensure that visual inspection of the tanks and bunds is carried out at least once monthly by personnel on site, who shall as a minimum examine the following elements:
- a. Identification of any cracks or faults in the bund walls and/or floors;
 - b. Whether the bund is holding rainwater during/after episodes of rain;
 - c. Whether drain holes are present in the bund which could lead to emission (if this is the case, these would need to be sealed with waterproof cement);
 - d. The presence of any damp patches which could indicate cracks.
- 2.4.14. Any faults identified during the inspection must be followed by immediate action to remedy the situation. Such inspection must be recorded, together with any faults and remedial actions taken. A report of such inspections is to be submitted annually as part of the AER.
- 2.4.15. As part of the Annual Environment Report, the Permit Holder shall submit the projected tank maintenance plan for the following year for the Authority's perusal and review.
- 2.4.16. All tank maintenance shall take place on a regular basis and in accordance with the latest industry standards.
- 2.4.17. The Permit Holder shall notify the Authority about any major projected tank maintenance works at least two weeks prior to the intended commencement date. This notification shall include details on what maintenance shall be carried out and what measures intended to minimise contamination of the surrounding environment shall be employed.
- 2.4.18. Further to Condition 2.4.17, all maintenance works shall be in-line with the maintenance plan as submitted to the Authority under Condition 2.4.15 unless otherwise specifically authorised by the Authority. Any deviations from the maintenance plan shall also be immediately submitted to the Authority for approval.
- 2.4.19. The Authority reserves the right to request the amendment of the methodologies used in specific maintenance episodes or to request cessation of any such works.
- 2.5. Product Transfer to vessels and road tankers**
- 2.5.1. The un/loading of petroleum products between vessels and product tanks shall be supervised at all times.
- 2.5.2. Any transfer of liquid waste, product, chemicals and oils shall take place within an area fitted with adequate secondary containment and under supervision.
- 2.5.3. Further to Condition 2.5.2, during transfers of fuels to and from the vessels, there shall be made available an adequate supply of booms and absorbent materials at the quay to ensure immediate deployment in the case of leakages or spills.
- 2.5.4. The Permit Holder shall notify the Authority prior to any loading or unloading of product to/from the tanks including between product tanks transfer, product tank and vessels, and between product tank and road tankers. This notification shall be submitted to the Authority not later than 24 hours prior to the expected transfer date in format specified in Schedule 4 of this Permit.
- 2.5.5. All personnel involved in the transfer of petroleum products between vessels and tanks shall be trained on the emergency response plan for spillages. Records of such training shall be maintained and made available for inspection by the Authority.

- 2.5.6. All fuel pipelines, flanges and valves shall be certified by an independent warranted architect or engineer to be completely leak-proof for the first time within one year of the granting of this permit and thereafter at least once every three years. The certification shall be included in the AER.
- 2.5.7. All flanges and valves fitted on over-ground pipes used to transport materials other than uncontaminated water, where no permanent provision for containment of leaks is provided, shall be subject to weekly visual inspection or otherwise monitored for leaks to the satisfaction of the Authority. All such inspections shall be recorded in a log which shall be available for inspection by the Authority.
- 2.5.8. The Permit Holder shall have in storage an adequate supply of containment booms and suitable absorbent material to contain / absorb any spillage from the activities within the installation.
- 2.5.9. Vessel to vessel transfers of products shall only be carried out if authorised by Transport Malta and in accordance with any conditions imposed by said Authority.
- 2.5.10. The Permit Holder shall ensure that all road tankers are fitted with locks, taps or valves that are permanently fixed. These must be locked shut when not in use. Loading of fuel into road tankers shall take place using the loading arms fitted with vapour return system and connected through adequate abatement system.
- 2.5.11. While loading of fuel oil and gas oil is undertaken, road tanker engines are to be switched off.
- 2.5.12. Hatches of road tanker compartments which are not being loaded are to be kept closed during loading operations. Where a complete seal between the hatch and the fuel loading arm is not technically possible, hatches of compartments being loaded are to be kept ajar over the loading arm while loading into the road tanker is being carried out.
- 2.5.13. The loading flow rate is to be kept at the technically minimum rate while loading operations are carried out.
- 2.6. **Waste**
- 2.6.1. All operations concerning the management of waste are subject to the Waste Management Regulations S.L. 549.63 and the Waste Management (Activity Registration) Regulations S.L. 549.45.
- 2.6.2. Waste produced at the Permitted Installation shall be recycled, reused or recovered unless technically and/or economically impossible.
- 2.6.3. 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.
- 2.6.4. All wastes generated on the quayside shall be stored as per Condition 2.6.3 and transferred as soon as possible to the designated waste storage area within the facility, as described in the environmental permit application³.
- 2.6.5. Liquid and hazardous wastes shall be stored in a labelled, closed container(s) within the designated and controlled bunded 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 According to Section 5.1 of the application (as revised on 12th September 2019).

- 2.6.6. The bunded waste storage area shall be visually inspected at least once a month to ensure that no damages have occurred to the bund. The bund shall be certified by an independent warranted architect or engineer every three years. The certification shall be submitted to the Authority as part of the AER.
- 2.6.7. Packaging material and containers which came into contact with hazardous substances shall be regarded as hazardous waste and shall be disposed of in an appropriate manner.
- 2.6.8. No storage of waste, equipment or materials is permitted on property outside the site premises.
- 2.6.9. No storage of waste destined for disposal is permitted for a period exceeding 12 months and no storage waste destined for recovery is permitted for a period exceeding 3 years.
- 2.6.10. The Permit Holder shall ensure to keep records for every consignment of wastes removed from the Site indicating the EWC Code, description, quantities, date of removal, contractor name (including for transport), consignment note number (where applicable) and manner and place of final disposal/recovery.
- 2.6.11. Off-site disposal or recovery of wastes may only take place at a facility licensed for that purpose.
- 2.6.12. On-site disposal of wastes by any means including burning, disposal to drain or surface water, burying or deposition on land is prohibited. This excludes treated waste water discharged into sewer in line with the Sewer Discharge Permit.
- 2.6.13. 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
- 2.6.14. 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.
- 2.6.15. 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.
- 2.6.16. 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 S.L. 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.
- 2.6.17. The Permit Holder shall make use of the services of a registered waste carrier for the transport of waste from the site in accordance activity 38 of Schedule 1 of S.L. 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.

2.6.18. For any decommissioned equipment, the Permit Holder 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, decontamination procedures and the procedure for final disposal.

2.6.19. Disposal and/or recovery certificates shall be kept on record and made available for inspection for a period of at least 5 years from date of their issue.

2.7. Accident Prevention and Control

2.7.1. An Emergency Response Plan shall be followed and 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.

2.7.2. The Emergency Response Plan shall be updated whenever necessary and the updated version sent to ERA. This plan shall be consistent with the requirements and provisions set out under the COMAH regulations.

2.7.3. Upon renewal, the emergency response plan shall be updated to include any operational changes and/or additions. In the event that no changes and/or additions were carried out within the permit's timeframe; a confirmation from an independent competent person shall be submitted clearly stating that no further update is necessary.

2.7.4. In case of heavy rainfall where the bund water may pose a risk to the tank integrity and safety, the Permit Holder may break the seal on the discharge valve and allow the drainage of treated bund waters to the sea. The Permit Holder shall immediately notify the Authority and record the date and time of this incident together with the amount of water discharged. The seal shall be replaced at the earliest time possible and photographic evidence together with the new unique identification number of the seal is to be sent to the Authority within 24 hours of its installation.

2.7.5. In the case of an accident (e.g. fuel spills, etc.), the Permit Holder shall follow the Emergency Response Plan referred to in Condition 2.7.1 and shall notify the Authority within 24 hours.

2.7.6. Spillages of fuels 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 spills shall be available on site at strategic locations.

2.7.7. Small leaks or spills shall be cleared up immediately by the application of absorbent materials. All used absorbent materials shall be disposed of hazardous waste at facilities permitted to accept such waste. Transfer of this waste shall be carried out as per conditions in Section 2.6 of this permit.

2.7.8. The Permit Holder shall have in storage an adequate supply of suitable absorbent material to absorb any spillage.

2.7.9. In the eventuality of a Tier I oil spill, the Permit Holder shall ensure that Transport Malta and any third parties contracted out are informed as soon as possible.

2.7.10. In the case of a Tier II or Tier III oil spill, the Permit Holder is to follow the procedures which are detailed in the National Contingency Plan and advise Transport Malta accordingly.

3. Closure and Decommissioning

- 3.1. The Permit Holder shall notify the Authority prior to ceasing operations, whereby an application for cessation of operations shall be made to the Authority and shall include a decommissioning plan.
- 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.
- 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.
- 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.
- 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. Records

- 4.1. 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. 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.
 - b. Any maintenance and inspections carried out on machinery and equipment
 - c. Any defects or damage to the Site Security System
 - d. Any other incidents that the Permit Holder deems important to record
 - e. Total amount of waste in kilos removed from site for disposal or further treatment.
- 4.2. Each record shall be compiled within 24 hours of the relevant event. The records kept in the daily operations log shall be available for inspection at any time when the Authority representatives request to inspect them.
- 4.3. The Permit Holder shall endeavour to maintain the EMS and allocate resources that are sufficient to achieve compliance with the limits and conditions of this Permit.

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.

6. Management and Technically Competent Person

- 6.1. All employees authorised by the Permit Holder to undertake activities on his/her behalf, shall be fully conversant with the obligations of this permit and shall be individually aware of their responsibilities and liabilities in observing the conditions of this permit.
- 6.2. One member of the staff is to 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.
- 6.3. 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.
- 6.4. 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 notified of this change.
- 6.5. In the event of any short or long periods of sick leave or vacation leave taken by the TCP for a period exceeding 10 days, the Permit Holder is obliged to find a replacement for that member of staff without delay.
- 6.6. In the event where operations cease temporarily, the TCP or Permit Holder are obliged to notify the Authority within two (2) days and are also to notify the Authority with regards to when the works are intended to resume.
- 6.7. All the staff on site should be fully aware of the procedures to be taken to contain any environmental hazard which may arise related to the activities being carried out on site.

7. Reporting

- 7.1. 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 2 are submitted.
- 7.2. The Permit Holder shall notify the Competent Authority immediately on becoming aware of any factor that has prevented or may prevent compliance with any of the conditions of this permit. Details of the factor and why compliance has been or may be prevented shall be provided

8. Notifications

- 8.1. The Permit Holder shall immediately notify the Authority upon:
- a. The detection of an emission of any substance which exceeds any limit or criterion in this Permit specified in relation to the substance;
 - b. The detection of any fugitive emission which has caused, is causing or may cause significant pollution;
 - c. The detection of any malfunction, breakdown or failure of plant or techniques which has caused, is causing or has the potential of causing significant pollution;
 - d. The detection of any odours as described by Condition 2.2.7; and
 - e. Any accident which has caused, is causing or has the potential of causing significant pollution.
- 8.2. The Permit Holder shall submit written confirmation to the Authority of any notification under Condition 8.1, by sending:
- a. The information listed in Part A of Schedule 3 to this Permit within 24 hours of such notifications; and
 - b. The more detailed information listed in Part B of Schedule 3 as soon as practicable;
- 8.3. The Permit Holder shall also notify the Authority:
- a. To request a variation of the permit, as per Condition 1.5.1.a;
 - b. Prior to cessation of operations, as per Condition 1.5.3.a and Condition 6.6;
 - c. Prior to resumption of operations, as per Condition 1.5.3.b;
 - d. Upon completion of an Improvement Programme item, as per Condition 1.6.1;
 - e. To request a change in boiler fuel type, as per Condition 2.1.4;
 - f. Upon removal of the seal on the discharge valve as per Condition 2.7.4.
 - g. Upon re-instatement of a new seal on the discharge valve, as per Condition 2.7.4.
 - h. Prior to major projected tank maintenance works, as per Condition 2.4.17;
 - i. Prior to any loading or unloading of product to/from the tanks including between product tanks transfer, product tank and vessels, and between product tank and road tankers, by submission of Schedule 4, as per Condition 2.5.4;
 - j. Upon change in the TCP, as per Condition 6.4;

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 for stationary combustion plants

Equipment ⁴	Fuel type	Sulphur Content of Fuel ⁵	Fuel Consumption	Units
				tonnes
				tonnes
				tonnes
				tonnes

⁴ E.g. Boiler, generator, etc.

⁵ Specify units (e.g. as percentage, or mg/kg)

S1.3 Off-site transfers of hazardous waste

Date of transfer	EWC Code ⁶	Quantity of waste (in kg)	Consignment note number and/or TFS (Transfrontier Shipment of waste) reference number	Ultimate destination

S1.4 Transport of Waste

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

⁶ European Waste Catalogue Code (Reference: Commission Decision 2014/955/EU amending Decision 2000/532/EC on the list of waste pursuant to Directive 2008/98/EC of the European Parliament and of the Council)

S1.5 Fuel Annual Throughput

Location Code	Fuel Type	Annual Throughput (in litres)
RM1		
RM2		
RM3		
RM4		
RM5		
RM6		
RM7		
RM8		
RM9		
RM10		
RM11		
RM12		

S1.6 Emissions to air from boiler

Parameter	Emission point reference	Limit Value	Standard methodology used	Total annual number of exceedances ⁷		Concentration (Annual Average)			Total Annual Load		
				Previous reporting period ⁸	Present reporting period	Unit	Previous reporting period	Present reporting period	Unit	Previous reporting period	Present reporting period
Carbon Monoxide	B1	-				mg/m ³			kg		
Dust	B1	50 mg/m ³				mg/m ³			kg		
Oxides of Nitrogen	B1	200 mg/m ³				mg/m ³			kg		

Parameter	Emission point reference	Limit Value	Standard methodology used	Total annual number of exceedances ⁹		Concentration (Annual Average)			Total Annual Load		
				Previous reporting period ¹⁰	Present reporting period	Unit	Previous reporting period	Present reporting period	Unit	Previous reporting period	Present reporting period
Carbon Monoxide	B3	-				mg/m ³			kg		
Dust	B3	50 mg/m ³				mg/m ³			kg		
Oxides of Nitrogen	B3	200 mg/m ³				mg/m ³			kg		

⁷ 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.

⁸ "Previous reporting period" is not applicable for the first reporting period.

⁹ 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.

¹⁰ "Previous reporting period" is not applicable for the first reporting period.

Name of laboratory where tests in this section have been carried out	
Is this laboratory accredited (certified) for the above tests? (Yes/No)	

S1.7 Olfactory Monitoring

Submission	Tick (✓)
Logs of the daily olfactory monitoring	<input type="checkbox"/>
Logs of the olfactory monitoring carried out during un/loading activities	<input type="checkbox"/>
Logs of the olfactory monitoring carried out during heating of fuel	<input type="checkbox"/>
Reports of the olfactory monitoring carried out by the odour panel	<input type="checkbox"/>

S1.8 Testing of catchment pits, pipes, pumps, valves, flanges and oil/water interceptors

Item	Quantity	Date of last test	Testing due on (date)
Catchment pits			
Pipelines			
Pumps			
Valves			
Flanges			
Oil/water interceptors			
Off-site Pipelines			

S1.9 Bund Testing

Number of bunds on site	
Number of visual inspections carried out during reporting year on each bund	
Total number of faults identified during reporting year	
Total number of faults rectified during reporting year	

S1.10 Incidents and Complaints

S1.10.1 Non-Compliance Incidents during Reporting Period

Date of incident	Brief description of Incident	Cause	Corrective action

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

S1.10.2 Complaints made by the public or through Authority

Date of complaint	Description of complaint	Actions taken

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

Applicant's Declaration

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

Name
(in block letters)

ID Card Number

On behalf of / in my own name
(in block letters)

Schedule 2

Submission of Certifications and Documentation

Condition Number	Documentation	Submission Dates
1.7.2	Certification of off-site pipelines	2020
2.1.5	Certification of boilers and diesel fire pumps showing good working order	2020
2.1.8	Boiler emission certification in the format provided in Schedule 1, Part S1.6 above	2020
2.1.11	Accreditation certificate of laboratory that carried out the boiler emission monitoring OR a valid instrument calibration certificate	2020
2.1.15	Certification of correct functioning of any pressure vacuum valves	2020
2.2.8	Submission of the record log of the olfactory monitoring	Every year
2.2.14	Submission of the reports for the olfactory monitoring carried out by the odour panel	Every year
2.4.7	Submission of tank inspection report	2020
2.4.12	Certification of tank field bund	2020
2.4.14	Summary or report on the visual inspections undertaken during the reporting year (including reports on faults and remedial actions taken)	Every year
2.4.15	Submission of the projected tank maintenance plan	Every year
2.5.6	Certification of pipelines, pumps, valves and flanges	2020

Schedule 3

Notification of Abnormal Emissions

This page outlines the information that the Permit Holder must provide to satisfy Conditions 8.2 of this Permit.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by a request for commercial confidentiality.

Part A

Permit Number	
Name of Permit Holder	
Location of Installation	
Location of the emission	
Time and date of the emission	

Substance(s) emitted	Media <i>(e.g. air, groundwater)</i>	Best estimate of the quantity or the rate of emission <i>(include units)</i>	Time between which the emission took place

<p>Measures taken, or intended to be taken, to stop the emission</p>	
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Part B

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident.	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment or harm which has been or may be caused by the emission.	
The dates of any unauthorised emissions from the installation in the preceding 24 months.	

Name ¹¹	
Designation	
Signature	
Date	

¹¹ Authorised to sign on behalf of Permit Holder

Schedule 4**Notification for Loading and Unloading of HFO and Gas Oil**

This page outlines the information that the Permit Holder must provide to satisfy Condition 2.5.3 of this Permit.

Operation to be conducted (Loading / Unloading)	
Fuel to be transferred	
Quantity of fuel to be transferred	
Date and Time of Transfer	
Estimated Transfer Time	
Flow Rate	
Fill Point Code for the fill point which will be used	

Name ¹²	
Designation	
Signature	
Date	

¹² Authorised to sign on behalf of Permit Holder

Schedule 5 Site Map

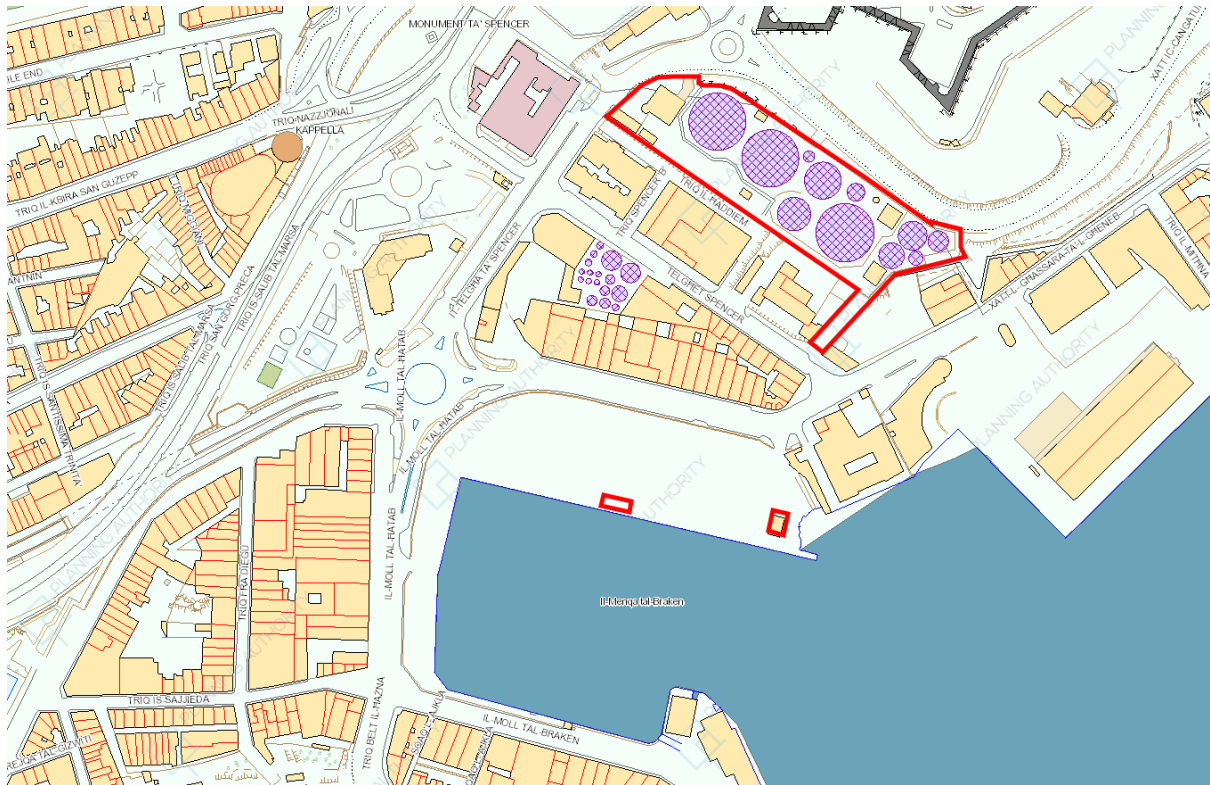


Figure S5.1: Site of installation showing the extent of the area in red for the carrying out of the activities specified in Condition 1.2.1. The extent of the site boundary is indicative and should not be used for interpretation purposes

END OF PERMIT