

Environmental Permit

Environment Planning Act (CAP. 549)

Permit number

EP 00054/19

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. Etienne Spiteri o.b.o. Simonds Farsons Cisk plc, The Brewery.(hereinafter “the Permit Holder”),
Of / Whose Registered Office (or principal place of business) is at:

**Simonds Farsons Cisk plc,
The Brewery
Mdina Road,
Mriehel BKR 3000**

(Company registration number: C 113)

To operate an installation at

**Simonds Farsons Cisk plc,
The Brewery
Mdina Road,
Mriehel BKR 3000**

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

| Signed | Date |
|--------------------------------|--------------------------------|
| Prof. Victor Axiak Chairman | Permit Granted: 10 / 06 / 2020 |

Authorised to sign on behalf of the Competent Authority

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Conditions

1 General

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

Status Log

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|--|---------------------------------|
| <i>Application EP</i> | 08 January 2010 |
| <i>Permit EP 0045/09/A Issued</i> | 07 January 2011 |
| <i>Renewal/ Variation EP 0045/09/B issued</i> | 24 th September 2015 |
| <i>Renewal/ Variation of consolidated EP 0054/19</i> | 20 th February 2020 |
| <i>Renewal and Variation determined by ERA Board</i> | 15 th May 2020 |

1.1 Permitted Activities

The Permit Holder is authorised to carry out the activities and the associated activities specified in Table 1.1.1 and Table 1.1.2.

| Table 1.1.1– List of permitted activities | | |
|--|--|---|
| Activity | Description of specified activity | Limits of specified activity |
| Production, stockholding, importation and distribution of beverages. | Production of beverages, including stockholding of own produced beverages and imported beverages, including their distribution. | From receipt of raw materials and chemicals to packaging and dispatch of finished product for distribution. From receipt of imported beverages, to their distribution. |
| Associated activity of maintenance. | Maintenance and repairs of machinery and premises, including minor repairs for company's vehicles, which may be carried out in the installation's repair shop as required. | From maintenance/ repair, activity to appropriate recovery/disposal of any waste created at authorised facilities. |

| | | |
|---|---|--|
| | Installation, servicing and maintenance of beverage dispensing equipment. | Installation, servicing and maintenance of cold drink equipment. |
| Associated activity of utilities. | Three (3) Light Fuel Oil boilers to produce steam. Four (4) diesel generators used to produce energy. 1 Reverse Osmosis plant. Ammonia Refrigeration system. | From receipt of fuel to delivery of utility. From receipt of fuel to delivery of energy. From receipt of water from offsite boreholes and mains water to delivery of utility and discharge of brine to sewer. From receipt of electricity to delivery of utility. |
| Associated activity of waste management (storage only). | Handling and storage of waste from installation prior to dispatch offsite. | From generation of waste to dispatch for disposal or recovery (including recycling) to authorised facilities offsite. |
| Blow moulding of plastic bottle preforms. | Input and blow moulding of partially blown plastic bottle preforms, followed by storage/filling of finished product. | From receipt of raw materials to dispatch of finished product. |

1.2 Site

- 1.2.1 The activities authorised under condition 1.1.1 shall not extend beyond the Site, as shown on the Site Map in Schedule 2a to this Permit.
- 1.2.2 The activities authorised under condition 1.1.2 shall not extend beyond the Site, as shown on the Site Map in Schedule 2b to this Permit.

1.3 General Conditions

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

- 1.3.2 This permit is granted saving third party rights. The Permit Holder is not excused from obtaining any other permission required by law.
- 1.3.3 In these conditions and their interpretation, all terms shall have the same meaning as that assigned to them in CAP 549, the Environment Protection Act and its subsidiary legislation.
- 1.3.4 A copy of this permit shall be available at all times on site at the permitted facility, including any Variation Notices or amendments to it.
- 1.3.5 The Permit Holder has the sole responsibility to ascertain compliance with legal obligations, permit conditions and to undertake activities on and off site in line with good environmental practices at all times.
- 1.3.6 The site shall be maintained in a tidy condition, free from litter and waste (whether arising from own activities or external sources).
- 1.3.7 The site must be well secured at all times. The Permit Holder shall maintain a register of third party complaints. The register shall record the name and address of the complainant(s), the date, source and nature of the complaint and the corrective action undertaken, where such action proves necessary.
- 1.3.8 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 3.3.
- 1.3.9 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. Subcontractors who enter the site shall also be made aware of any obligations arising from the permit which might affect their duties.
- 1.3.10 Upon the joint application of a Permit Holder and a proposed transferee, the Permit Holder may request to transfer an environment 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.
- 1.3.11 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.
- 1.3.12 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.
- 1.3.13 Without prejudice to condition 1.3.12, the Authority may take any action deemed necessary including but not limited to the suspension of any activity/operation until investigations are concluded.

- 1.3.14 The Authority may carry out regular compliance checks that vary in frequency according to the site's compliance with the permit conditions. Any checks or audits carried out by the Authority may be made at the Permit Holder's financial expense.
- 1.3.15 The Authority's representatives may inspect and photograph any part of the site and ask for any closed or locked areas to be opened and may demand to be provided with any proof, documentation, plans, receipts or any other records.
- 1.3.16 The Authority may add, amend, delete or substitute any of the conditions of this permit after notifying the Permit Holder of its intention and after describing the changes to the Permit Holder. This is without prejudice to any prevailing circumstances that would preclude the Authority from following such a procedure.
- 1.3.17 The permit is valid for a period of four years from the date of the granting. The Permit Holder is able to renew the permit upon application with the Authority expressing his/her intention at least six (6) months prior to the expiry of this permit. The permit will be considered renewed once the official renewed permit is issued by the Authority.
- 1.3.18 The Permit Holder shall undertake all necessary measures and precautions to prevent spillage of raw materials, intermediates, products, waste and any other materials.
- 1.3.19 The Authority may suspend or revoke this environmental permit in line with the provisions of CAP 549.

1.4 Operational Changes

- 1.4.1 The Permit Holder may apply for a variation in permit and shall seek the Authority's written agreement prior to any operational changes, by sending to the Authority
- a) Written notice of the details of the proposed change, including an assessment of its possible effects (including changes in emissions and waste production) on risks to the environment from the Permitted installation;
 - b) Any relevant supporting information (e.g. chemical/fuel consumption, technical details, changes in the type/use of substances/mixtures, etc.);
 - c) Any relevant supporting assessments and drawings, and;
 - d) The proposed implementation date.
- 1.4.2 Any such change shall only be implemented following the issue of a variation of the permit by the Authority.
- 1.4.3 The Permit Holder shall notify the following matters to the Authority in writing at least 10 working days prior to their occurrence:
- a) Any change in the Permit Holder's trading name, registered name or registered office address;
 - b) Any change to particulars of the Permit Holder's corporate identity.

1.5 Improvement Programme

- 1.5.1 The Permit Holder shall complete the improvements specified in Table 1.5.1 by the date specified in that table, and shall send written notification of the date of completion of each requirement to the Authority on ced.facilities@era.org.mt within 10 working days (of the completion of such requirement).

| Reference | Requirement | Deadline |
|-----------|---|--|
| 1. | Permit Holder is to submit certification from an independent warranted engineer for the generators (G1, G2 and G3) in line with condition 2.1.22. | Within 3 months from the granting of the permit. |
| 2. | Permit Holder is to submit certification from an independent, warranted engineer for the chemical and liquid storage bunding or installation of any other adequate form of secondary containment. | Within 3 months from the granting of the permit. |

2 Operating Conditions

2.1 Emissions

Emissions to air

- 2.1.1 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.
- 2.1.2 Emissions to air shall only arise from the emission points specified in Table 2.1.2, as per description in the submitted EP Application.

| Emission point references ¹ | Source |
|--|--|
| PS1A (B1 >5MWth) | B1 – Boiler (emitting through a main stack with 2 other boilers) |
| PS1B (B2 <5MWth) | B2 – Boiler (emitting through a main stack with 2 other boilers) |
| PS1C (B3 <5MWth) | B2 – Boiler (emitting through a main stack with 2 other boilers) |
| PS2 | G1 - Diesel Generator (Engine Room) |
| PS3 | G2 - Diesel Generator (Engine Room) |

¹ According to Section 7 of the application.

| | |
|-----|--|
| PS4 | G3 - Diesel Generator (Engine Room) |
| PS5 | G4 - Diesel Generator (Logistics Centre) |
| PS6 | Canteen Stack (Kitchen Hood) |
| PS7 | Keg Plant (Ozone) |

- 2.1.3 ERA recommends that diesel (gas oil) used for the generator shall have a Sulphur content not greater than 0.1%.
- 2.1.4 The co-incineration of any material or additional fuel including engine or other waste oil is strictly prohibited. Any change in fuel type shall require the notification and approval of the Authority prior to commencement of its utilisation.
- 2.1.5 The Permit Holder shall keep the periods of start-up and shut-down of the boilers as short as possible.
- 2.1.6 The limits for emissions to air for the parameters and emission points set out in Table 2.1.6 shall not be exceeded. These 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 of 3 % content. The Authority shall reserve the right to request monitoring analysis of additional parameters other than those listed in Table 2.1.6, at the expense of the Permit Holder. Monitoring shall be carried out while the installation is fully operational.

Table 2.1.6: Emission limits to air and monitoring

| Emission point reference | Parameter | Limit |
|--------------------------|--------------------|-----------------------|
| PS1A, PS1B, PS1C | Oxides of Nitrogen | 200 mg/m ³ |
| PS1A, PS1B, PS1C | Carbon Monoxide | - |

- 2.1.7 The Permit Holder shall ensure that each of the boilers (PS1A, PS1A and PS1C) referred to in Table 2.1.2 are certified every 4 years by an independent warranted engineer or an accredited laboratory. The certification shall include measurement of the parameters listed in Table 2.1.6 (excluding total particulate matter, which shall be monitored when requested in writing by the Authority). Monitoring of the boilers shall be carried out whilst in operation. The certification and the monitoring results shall be submitted as part of the Annual Environmental Report. The Authority may request the right to require an increase in the frequency of such measurements.
- 2.1.8 The monitoring referred in Table 2.1.6 shall be carried out individually for each boiler. The measurements shall be recorded at a point prior the main emitting stack.
- 2.1.9 For PS1A, PS1B and PS1C, the Permit Holder shall keep a record of annual operating hours and provide the Authority with such information in the format specified in the AER.
- 2.1.10 During each measurement, as specified in Condition 2.1.7 and 2.1.8, the plant shall be operating under stable conditions at a representative even load. In this context, start-up and shut-down periods shall be excluded.

- 2.1.11 Industrial combustion plants (e.g. boilers, generators, etc.) 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.
- 2.1.12 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.
- 2.1.13 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 2.1.6.
- 2.1.14 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.
- 2.1.15 All other emission points shall be equipped with vents or stacks that are to be directed upwards and shall be located and designed in such a way that optimises dispersion (of the emission) and that minimises local effect.
- 2.1.16 Fumes from frying shall pass through a filter system for removal of oils and fats.
- 2.1.17 Minor kitchen exhausts shall be treated and/or vented in such a way as to prevent adverse environment effects. Low level vents such as wall grills shall discharge above head height and be directed upwards.
- 2.1.18 The ammonia leak detection equipment and the emergency site evacuation shall be tested and recorded on an annual basis.
- 2.1.19 The Permit Holder shall submit certifications from an independent engineer on annual basis to certify that all tanks and pipes work related to the Ammonia cooling system are leak proof. The certification shall be submitted as part of the AER.
- 2.1.20 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 environment effects.
- 2.1.21 In the event of malfunction or breakdown leading to abnormal emissions from equipment, 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.
- 2.1.22 Further to condition 2.1.18, the Permit Holder shall provide ERA with details of the specific cause of the malfunction and the remedial steps taken or to be taken to address the malfunction.
- 2.1.23 The Permit Holder shall submit certification for the generators (PS2, PS3, PS4 & PS5) referred to in table 2.1.2, by an independent warranted engineer showing that the generator is in good working condition within three months from the granting of the permit and every four years

thereafter. The certifications shall be submitted as part of the Annual Environmental Report (AER).

- 2.1.24 All abatement equipment and ducting shall be cleaned and maintained and record of such maintenance is to be kept in accordance with section 3.3 of this permit (as per manufacturer specifications).
- 2.1.25 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.
- 2.1.26 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.
- 2.1.27 The Permit Holder shall prevent or where that is not practicable, minimise fugitive emissions of substances to air from the Permitted Installation.

2.2 Effluent discharges

- 2.2.1 No discharges to surface water or groundwater shall take place from the permitted installation.
- 2.2.2 Foul sewer drains must be strictly segregated from storm water drains.
- 2.2.3 Rainwater shall be segregated from all process areas that are potentially contaminated with raw materials, intermediates and/or products. If this is not possible, rainwater from areas where contamination by oil or chemicals is likely (such as loading/unloading and bunded areas) shall pass through an adequately sized interceptor.

2.3 Waste

Waste storage and handling

- 2.3.1 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.
- 2.3.2 All wastes shall be stored within a designated and controlled storage area(s) prior to ultimate disposal. Wastes to be recycled shall be stored in a designated container or area and shall not be mixed with other wastes.
- 2.3.3 Liquid and hazardous wastes shall be stored in a labelled, closed container(s) within a designated and controlled storage area(s) prior to ultimate disposal. Wastes of different natures and having different European Waste Catalogue codes as established by Commission Decision 2000/532/EC shall not be mixed in the same container.

- 2.3.4 Packaging and containers containing residual quantities of chemicals shall be regarded as hazardous waste and shall be disposed of in an appropriate manner.
- 2.3.5 Permit Holder shall renew the registration with ERA as a producer of packaging and provide the required information, as well as achieve the targets as set out in Subsidiary Legislation 549.43, the Packaging and Packaging Waste Regulations. Documentation as evidence of such should be maintained for a period of 3 years and be made available, upon request by ERA.
- 2.3.6 No storage of waste, equipment or materials is permitted on property outside the site premises-
- 2.3.7 No storage of waste destined for disposal is permitted for a period exceeding 12 months. No storage of waste destined for recovery is permitted for a period exceeding 3 years.
- 2.3.8 Permit Holder shall renew their registration with ERA as a producer of packaging and provide the required information as set out in Subsidiary Legislation 549.43, the Packaging and Packaging Waste Regulations. In case the Permit Holder opts to be self-compliant for back-end packaging, the targets as set out in Subsidiary Legislation 549.43, the Packaging and Packaging Waste Regulations, shall also be achieved. Documentation in relation to the Permit Holder's obligations pertaining to S.L 549.43, the Packaging and Packaging Waste Regulations shall be maintained for a period of 5 years and be made available, upon request by ERA.

Waste recovery or disposal

- 2.3.9 The Permit Holder shall be committed to reduce waste generation where possible.
- 2.3.10 Wastes to be recycled shall be stored in a designated container or area and shall not be mixed with other wastes.
- 2.3.11 The Permit Holder shall ensure to keep records for every consignment of waste removed from the Site indicating the EWC Code, description, quantities, date of removal, contractor name (including for transport), consignment note number (where applicable) and manner and place of final disposal/recovery.
- 2.3.12 The Permit Holder is to prevent litter or other wastes escaping from the site boundaries, particularly during loading/unloading. Any such escape of waste shall be collected immediately upon detection.
- 2.3.13 Off-site disposal or recovery of wastes may only take place at a facility licensed for that purpose.
- 2.3.14 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.
- 2.3.15 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.

- 2.3.16 Disposal certificates shall be kept on record and made available for inspection for a period of at least 3 years from date of their issue.
- 2.3.17 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.
- 2.3.18 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.
- 2.3.19 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.
- 2.3.20 In the case of waste that is sent for treatment or recovery to another facility locally or abroad, the audit trail shall cover all waste from the point of generation or collection to the end recovery or disposal facility.

Storage

- 2.3.21 All bulk oil storage tanks and bulk storage of any fuels (including those for generators) and lubricating oils, shall be provided with an adequately designed bund system with an impermeable base and walls. The capacity of the bund shall be a minimum of 110% of the largest tank within the bund or 25% of the total capacity of all the tanks within the bund. 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.
- 2.3.22 Bulk storage tanks for chemicals and fuels and associated bunding 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.
- 2.3.23 Drums or containers of solvents, oils or any other chemicals shall be stored in designated and secure storage areas. Storage areas shall be designed so that surface and ground waters cannot be contaminated by spillages.

- 2.3.24 The storage of flammable, toxic and hazardous substances shall be in line with the measures specified in the material safety data sheets (MSDS) for that substance and the maintenance of safety critical equipment shall correspond to manufacturer specifications.
- 2.3.25 Chemicals of different properties shall be stored as specified in respective MSDS sheets. Such sheets shall be made available and accessible to personnel responsible for the management of the storage areas and for inspection by the Competent Authority. Incompatible chemicals shall not be stored within the same bund.

3 Site Management

3.1 Staff obligations and Responsibilities

- 3.1.1 One member of the staff shall be nominated as the Technically Competent Person (TCP) of the site, whereby this person is to physically represent the Permit Holder during the times when the Permit Holder will not be available.
- 3.1.2 In the event of any short or long periods of leave of absence taken by the TCP for a period exceeding 10 days or change in the TCP, the Permit Holder is obliged to find a replacement for that member of staff without delay and the Authority informed accordingly.
- 3.1.3 The TCP is responsible for the implementation of all the obligations stipulated in this permit, must supervise the rest of the staff on site and is completely responsible to ascertain that all permit conditions are being adhered to.
- 3.1.4 All the staff on site shall be fully aware of the procedures to be taken in the event of an accidental spill of any liquids other than water and how to contain the environmental hazard.

3.2 Accident prevention and control

- 3.2.1 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 sheets.
- 3.2.2 In the case of an accident (including chemical spills, etc.), the Permit Holder shall follow the Emergency Response Plan referred to in Condition 3.2.1 and shall notify the Authority within 24 hours.
- 3.2.3 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.

3.2.4 Small leaks or spills shall be cleared up immediately by the application of absorbent materials. All used absorbent materials shall be disposed of as hazardous waste at facilities permitted to accept such waste. Transfer of this waste shall be carried out as per conditions specified in Section 2.2 of this permit.

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

3.3 Site Records & Archive

3.3.1 The Permit Holder shall ensure that all records required to be made by this Permit and any other records made by it in relation to the operation of the Permitted Installation shall:

- a. Be made available for inspection by the Authority at any reasonable time;
- b. Be supplied to the Authority on demand and without charge and in the format requested;
- c. Be legible;
- d. indicate any amendments which have been made and shall include the original record wherever possible; and
- e. Be retained at the Permitted Installation or accessed electronically from the Permitted Installation, for a minimum period of 3 years from the date when the records were made, unless otherwise agreed in writing.

3.3.2 A site daily operations log shall be made in a legible manner and kept on site and be made available for inspection by the Authority at any reasonable time. The following information shall be recorded on a daily basis and retained for 5 years:

- i. Total amount of waste in kilos removed from site for disposal or further treatment
- ii. 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
- iii. Any other incidents that the Permit Holder deems important to record in the Site daily operations log.

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

3.3.2 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 14001:1996 or EMAS) or a non-standardised ("customised") system, provided that is properly designed and implemented. Guidance for a non-standardised ("customised") system is included in schedule 6 of this permit.

3.4 Closure and Decommissioning

- 3.4.1 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.
- 3.4.2 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.
- 3.4.3 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.
- 3.4.4 The obligations arising from this permit shall subsist until the Authority confirms in writing that the decommissioning plan has been implemented to its satisfaction.
- 3.4.5 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.

3.5 Reporting

- 3.5.1 The Permit Holder shall submit to the Authority an Annual Environmental Report (AER) of the previous year by not later than end of March of each year, providing the information listed in Schedule 1 of this Permit and in the format specified therein. It shall also be ensured that all certification and documentation as per Schedule 5 are submitted.
- 3.5.2 In the event where operations cease temporarily, the TCP or Permit Holder are obliged to notify the Authority within two (2) days and are also to inform the Authority with regards to when the works are intended to resume.

4 Ozone Depleting Substances

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

Schedule 1
Annual Environmental Report

Important note

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

S1.1 Introduction

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

S1.2 Fuel Consumption Data

| Equipment ¹ | Fuel type | Fuel Consumption | Units |
|------------------------|-----------|------------------|--------|
| | | | tonnes |
| | | | tonnes |
| | | | tonnes |

S1.3 Off-site transfers of hazardous waste

| Date of transfer | EWC Code ² | Quantity of waste (in kg) | Consignment note number and/or TFS (Transfrontier Shipment of waste) reference number | Ultimate destination |
|------------------|-----------------------|---------------------------|---|----------------------|
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¹ E.g. Boiler, generator, vehicles, etc.

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

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

| Date of transfer | EWC Code¹ | Quantity of waste (in kg) | Ultimate destination | Name(s) of registered waste carrier used during reporting year |
|-------------------------|-----------------------------|----------------------------------|-----------------------------|---|
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¹ European Waste Catalogue Code (Reference: *Commission decision 2000/532/EC establishing a list of wastes*)

1.5 Monitoring Data

S1.5.1 Emissions to air from boiler

| Parameter | Emission point reference | Limit Value | Standard methodology used | Total annual number of exceedances ¹ | | Concentration (Annual Average) | | | Total Annual Load | | |
|--------------------|--------------------------|-----------------------|---------------------------|---|--------------------------|--------------------------------|---------------------------|--------------------------|-------------------|---------------------------|--------------------------|
| | | | | Previous reporting period ² | Present reporting period | Unit | Previous reporting period | Present reporting period | Unit | Previous reporting period | Present reporting period |
| Oxides of Nitrogen | PS1A | 200 mg/m ³ | | | | mg/m ³ | | | kg | | |
| Carbon Monoxide | PS1A | - | | | | mg/m ³ | | | kg | | |
| Oxides of Nitrogen | PS1B | 200 mg/m ³ | | | | mg/m ³ | | | kg | | |
| Carbon Monoxide | PS1B | - | | | | mg/m ³ | | | kg | | |
| Oxides of Nitrogen | PS1C | 200 mg/m ³ | | | | mg/m ³ | | | kg | | |
| Carbon Monoxide | PS1C | - | | | | mg/m ³ | | | kg | | |

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

S1.5.2 Operating hours for boilers

| Boilers | Operating Hours during reporting year |
|----------------|--|
| B1 | |
| B2 | |
| B3 | |

Applicant's declaration

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

.....
Name
(in block letters)

.....
ID Card Number

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

.....
Signature

.....
Date

Schedule 3
Site Map

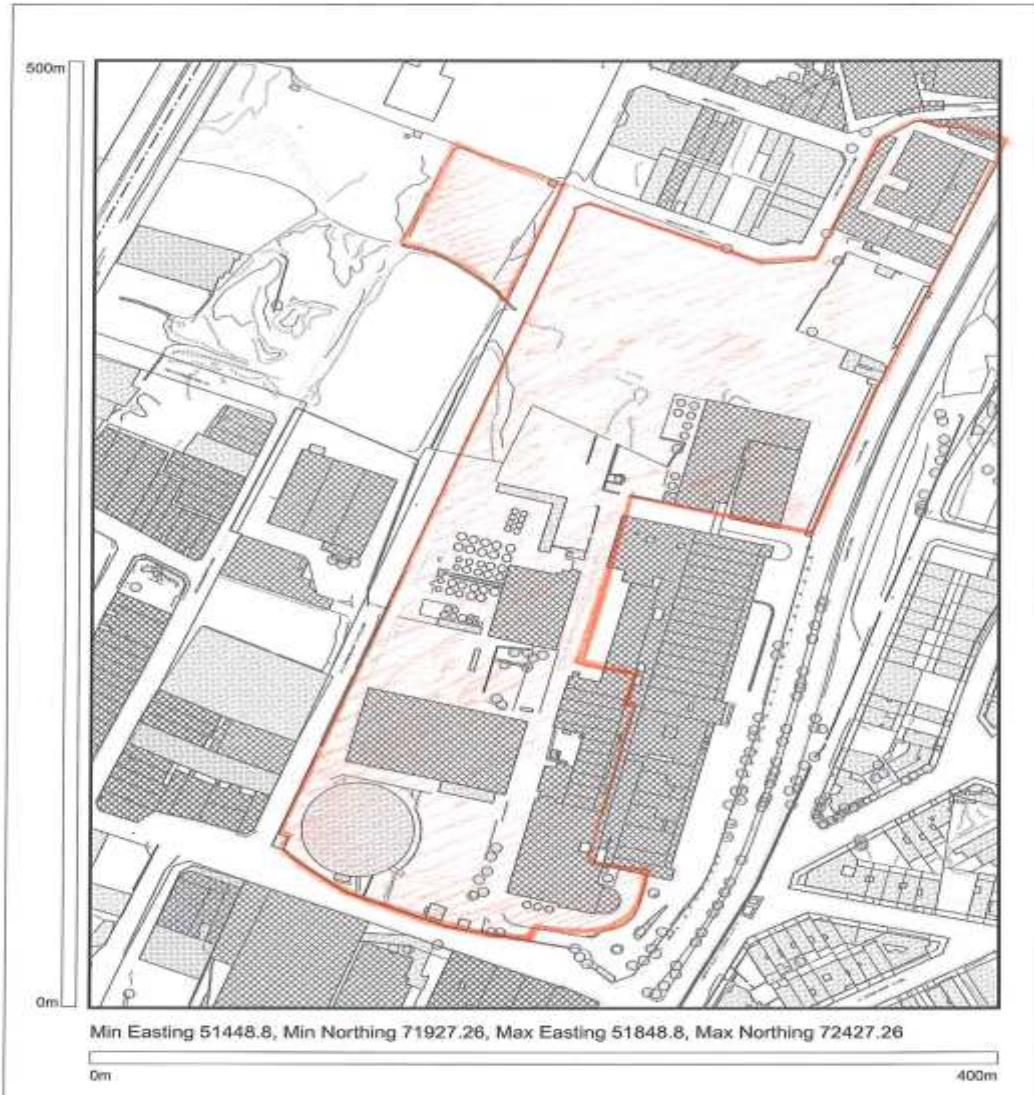


Fig. S3.1: Site of permitted installation, showing the extent of the area in red for the carrying out of the activities specified in condition 1.1.1. The extent of the site boundary is indicative and should not be used for interpretation purposes.

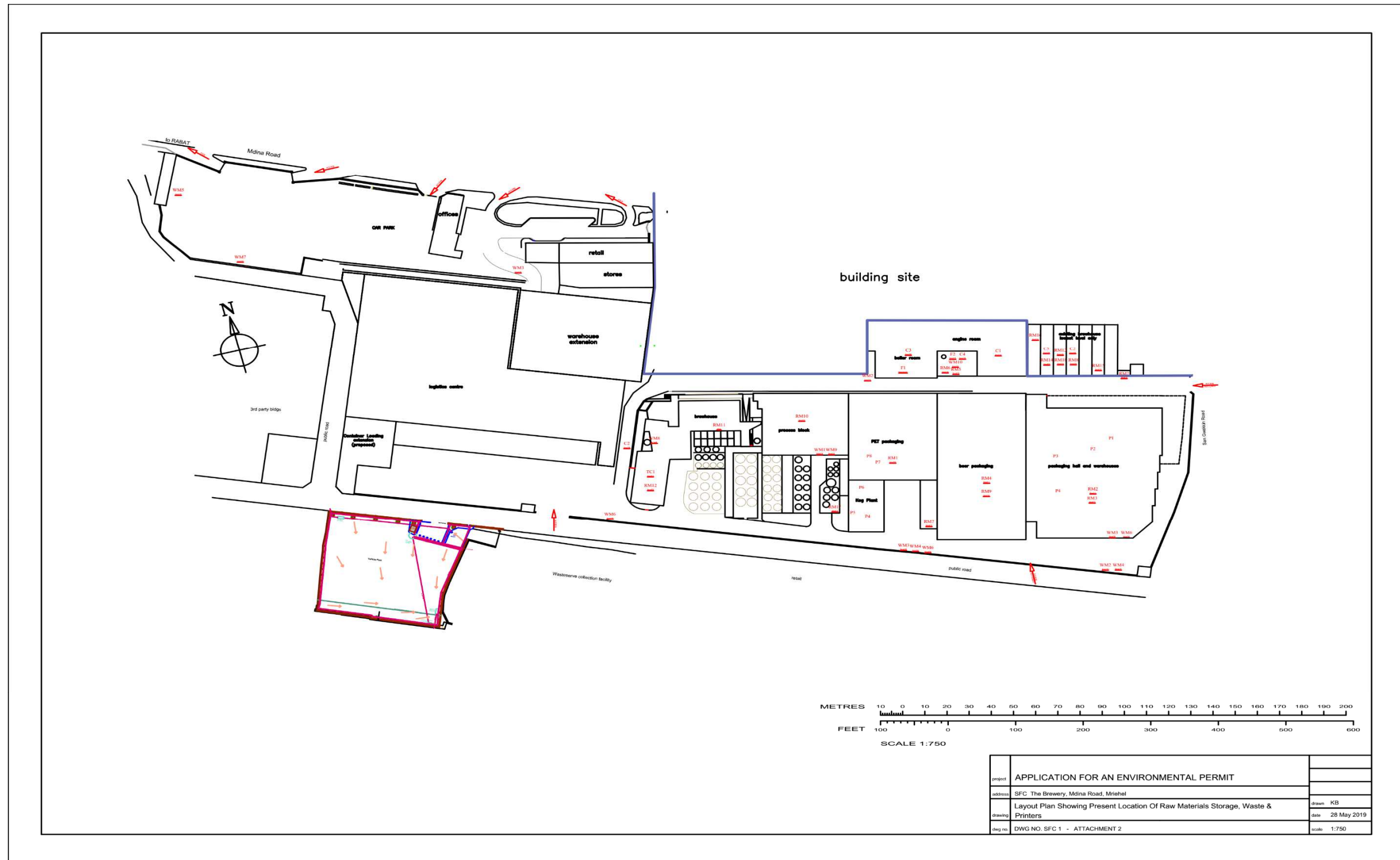


Fig. S3.2: Site of the permitted installation, showing the location codes for the Raw materials, Chemicals, Waste management and printers.

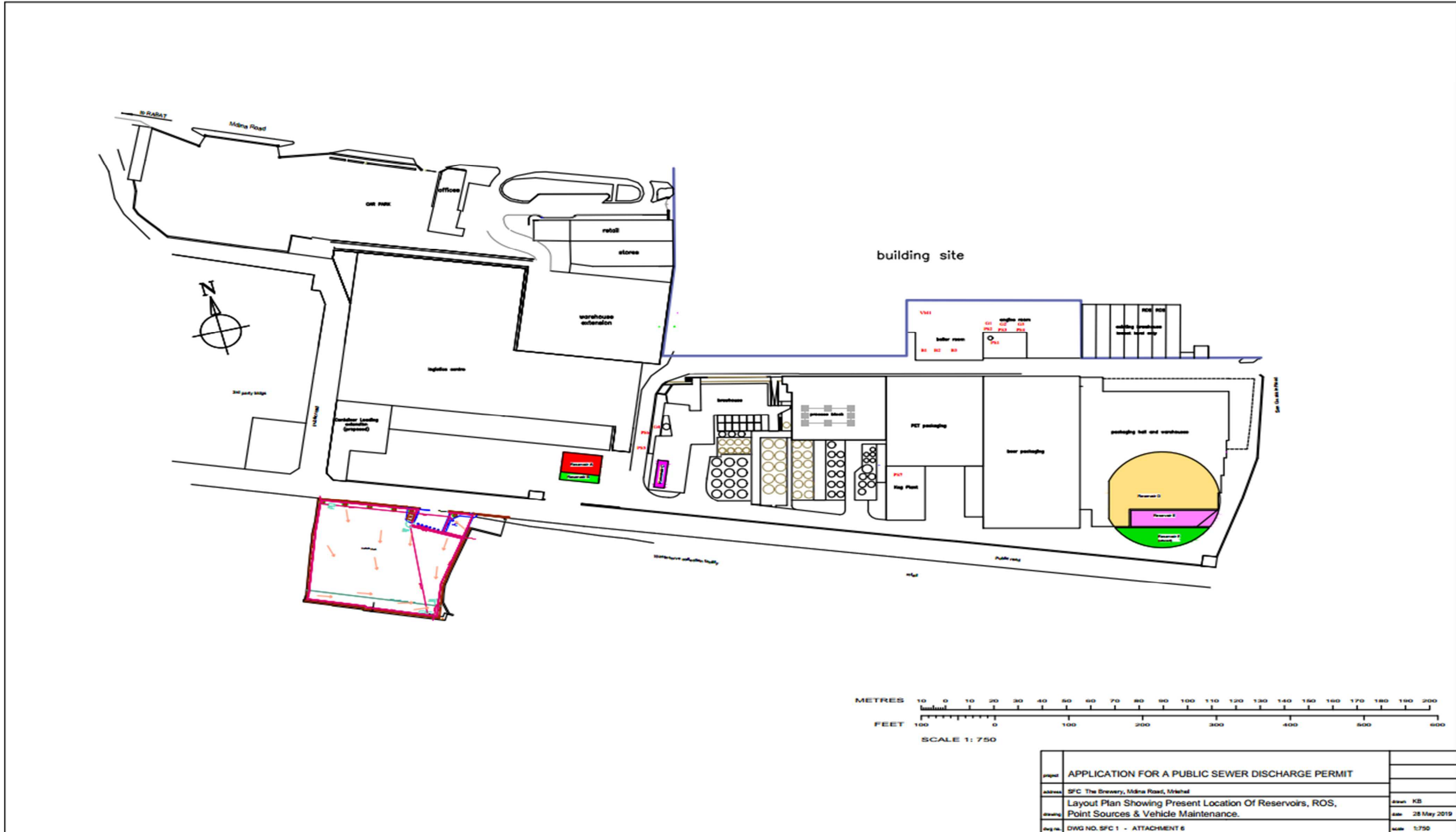


Fig. S3.3: Site of the permitted installation, showing the location codes for the Ro's, point sources, boilers & generators and vehicle maintenance.

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 Permit Holder to continuous improvement, and identification of priority areas where improvement to the operations is necessary and practicable, such as:

- a. Recycling of materials;
- b. Minimisation of waste;
- c. Efficient use of resources (especially water and energy);
- d. Use of biodegradable chemicals;
- e. Minimising use of solvents;
- f. Procedures to minimise noise disturbance to neighbours;

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

3. Environmental Management Programme (EMP)

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

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

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

4. Documentation

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

5. Corrective Action

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

6. Awareness and Training

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

7. Maintenance Programme

The Permit Holder should establish and maintain a programme for maintenance of all plant and equipment based on the instructions issued by the manufacturer/supplier or installer of the equipment. Appropriate record keeping and diagnostic testing should support this maintenance programme.

The licensee should clearly allocate responsibility for the planning, management and execution of all aspects of this programme to appropriate personnel.

Schedule 4
Submissions of certifications and documentation

| Condition Number | Documentation |
|-------------------------|--|
| 1.5.1 | Improvement programme items. |
| 2.1.21 | Certification for PS2, PS3, PS4 & PS5as per Table 2.1.2 every three years. |
| 2.1.7, 2.1.8 | Certification of PS1 as per Table 2.1.2 every four years. |
| 2.1.19 | Engineer's certificate for Ammonia cooling system yearly (to be submitted with AER). |
| 3.5.1 | Submission of AER. |

END OF PERMIT