Environmental Permit

Environment Protection Act (CAP. 549)

Permit number
EP 0074/19

Approved Documents:
EP 0074/19/DOC1

The Environment and Resources Authority (hereinafter the Authority; the Competent Authority or ERA) in exercise of its powers under the Environment Protection Act (CAP. 549) and applicable subsidiary legislation referred to in this permit, hereby authorises:

Mr Joe Mifsud obo Swan Laundry and Dry Cleaning Company Limited (hereinafter "the Permit Holder"),
Of / Whose Registered Office (or principal place of business) is at:

Swan Laundry and Dry Cleaning Company Limited
BLB 044, Bulebel Industrial Estate
Zejtun
ZTN3000

(Company registration number: **C 9240**)

to carry out washing and dry cleaning of fabrics and textiles at:

Swan Laundry and Dry Cleaning Company Limited
BLB 044, Bulebel Industrial Estate
Zejtun
ZTN3000

This permit is valid for **four years** from the date of the granting. An application for renewal of this permit is to be submitted at least six months prior to expiry of this permit.

Signed	Date
Prof. Victor Axiak Chairman	18/10/2019

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

1.1 Status Log

Detail	Date
EP application	21st April 2014
Permit 0017/14/A granted	24th September 2015
Renewal Request	21st March 2019
Permit 0074/19 determined by ERA board	20th September 2019

1.2 Permitted Activities

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

Table 1.2.1

Activity	Description of specified activity	Limits of specified activity
Dry cleaning and laundry	Laundry and dry cleaning of garments and similar items.	From washing and dry cleaning of garments to packaging and dispatch of finished product
Associated activity of utilities	Three boilers to produce steam and hot water. One stand-by diesel generator to produce energy.	From receipt of thin fuel oil to delivery of utility. From receipt of diesel to delivery of utility.
Associated activity of storage and disposal of waste material generated on site	Handling/storage and disposal of waste from installation.	From generation of waste to disposal off-site.

1.2.2 The dry cleaning activities authorised under condition 1.2.1 shall only be carried out using authorised machinery listed in Schedule 4.

1.3 Site

1.3.1 The activities authorised under condition 1.2.1 shall not extend beyond the Site, as per Site Map in Schedule 7 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 In these conditions and their interpretation, all terms shall have the same meaning as that assigned to them in Subsidiary Legislation 549.79, Industrial Emissions (Limitation of Emissions of Volatile Organic Compounds) Regulations.

1.4.4 The Permit Holder has the sole responsibility to ascertain compliance with legal obligations, permit conditions and to undertake activities on and off site in line with good environmental practices at all times.

1.4.5 A copy of this Permit shall be available at the place of work, at all times, for reference by all staff carrying out work subject to the requirements of the Permit.

1.4.6 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.

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

1.4.8 The site must be well secured at all times.

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

1.4.10 All plant, equipment and technical means used in operating the Permitted Installation shall be maintained in a good operating condition and without causing polluting emissions, leaks and spillages. The Permit Holder shall keep maintenance records as per Section 3.7.

1.4.11 The dry cleaning equipment is to be installed and operated in accordance with the manufacturer recommendations, so as to minimise the release of volatile organic compounds to air, land and water.

1.4.12 The Permitted Installation shall be managed, controlled, supervised and operated by staff that are aware of the importance of environmental protection and suitably trained on the requirements of this Permit. All staff shall be provided with adequate training and written operating instructions to enable them to effectively carry out their duties. Such training shall be recorded and maintained in line with Condition 3.7.

1.4.13 Upon the joint application of an operator 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

1.4.14 The Authority may carry out 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.

1.4.15 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.

1.4.16 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.

1.4.17 The Authority may suspend or revoke this environmental permit in line with the provisions of CAP549.

1.4.18 The validity of this permit is until 4 years from the date of the Permit Granted. 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 the permit. The permit will be considered renewed once the official renewed permit is issued by the Authority.

1.4.19 The permit is issued against a Bank Guarantee of €9,350 which shall be renewed annually. This Bank Guarantee shall remain in place for the duration of validity of this permit and shall only be released upon confirmation of full compliance with the permit conditions by the Authority. Following renewal and/or variations to this permit, the Authority may require amendments to the Bank Guarantee.

1.4.20 The Authority may take part or all of the bank guarantee if the Permit Holder fails to take the necessary action or fails to fulfil his legal obligations under the Act or its subsidiary legislation thereof, in cases of non-compliance with these permit conditions, or in cases where environmental integrity is threatened. This bank guarantee is without prejudice to any environmental liabilities incurred by the Permit Holder through failure to adhere 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.

1.4.21 In cases where the Bank Guarantee does not cover the expenses incurred by the Authority to take remedial action on the Permit Holder's behalf, the Permit Holder is to financially reimburse the Authority of all the expenses incurred within.

1.4.22 The Authority may request additional monitoring and/or review of the operational practices and 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/or audits shall be carried out at the expense of the Permit Holder.

1.4.23 Without prejudice to condition 1.4.22, the authority may take any action deemed necessary including but not limited to the suspension of any activity/operation until investigations are concluded.

1.4.24 The Permit Holder shall undertake all necessary measures and precautions to prevent spillage of raw materials, intermediates, products, waste and any other materials.

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 issue of a variation of the permit by the Authority.

1.5.3 The Permit Holder shall give written notification as soon as practicable 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 1.6.3 part a.

1.5.4 The Permit Holder shall notify the following matters to the Authority in writing within 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.

1.6 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 each such requirement.

Table 1.6.1: Improvement programme

Reference	Requirement	Deadline
4.	The Permit holder shall submit the details as required by SL 549.122 for all the combustion plants on site (3 boilers and 1 emergency generator)	Within 1 month of the granting of the Permit.
5.	The permit holder shall submit a decommissioning report for the fuel tank and dispenser used for vehicle refuelling in accordance with condition 2.8.2.	Within 3 months of the granting of the Permit.
6.	Without prejudice to any required development, permits or any other Authorisations from other authorities/regulators, to construct bunding for all fuel storage areas as identified in EP 0074/19/DOC1. All bunding shall be certified by a third party warranted engineer or architect.	Within 1 year of the granting of the Permit.

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 Dry cleaning operations must be carried out in such a manner that no more than 20 grams of solvent shall be emitted per kilogram of product cleaned and dried, as measured and reported annually. The 20 grams includes all organic solvents used within the installation, including dry cleaning solvent, water-proofing solutions and spot cleaning solutions.

2.1.3 The annual total solvent emissions are to be calculated in accordance with the guidance provided in Schedule IV of Subsidiary Legislation 549.79, Industrial Emissions (Limitation of Emissions of Volatile Organic Compounds) Regulations, or as quoted in any subsequent amendments (Guidance provided in Schedule 2 of this permit).

2.1.4 Emissions to air shall only arise from the emission points specified in Table 2.1.1, as per approved document EP 0074/19/DOC1.

Table 2.1.1 : Emission points to air

Emission point references [1]	Source
PS1.1	Boiler
PS1.2	Boiler
PS1.3	Boiler
PS2, PS3, PS5, PS6, PS7	Air dryers
PS4	Standby generator

2.1.5 ERA recommends that diesel (gas oil) used for the generator shall have a sulphur content not greater than 0.1% whilst thin fuel oil used for boilers shall have a sulphur content not greater than 1% by mass.

2.1.6 Only diesel (gas oil) shall be utilised as a source of fuel for the boiler 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.

2.1.7 The limits for emissions to air for the parameters and emission points set out in Table 2.1.2 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 O_2 content of 3%.

Table 2.1.2 : Emission limits to air and monitoring

Emission point reference	Parameter	Limit
PS1.1 - PS1.3	Carbon Monoxide	-
PS1.1 - PS1.3	SO_2	350mg/Nm^3
PS1.1 - PS1.3	Dust	50mg/Nm^3
PS1.1 - PS1.3	Oxides of Nitrogen	650mg/Nm^3

2.1.8 The Permit Holder shall ensure that the boilers (PS1.1-PS1.3) referred to in Table 2.1.1 are certified at least every 3 years by an independent warranted engineer or an accredited laboratory with the first measurement taken within four months of granting of the permit. The certification shall include measurement of the parameters listed in Table 2.1.2 Monitoring from 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 reserves the right to require an increase in the frequency of such measurements

2.1.9 During each measurement, 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.

2.1.10 Sampling and analysis of polluting substances and measurements of process parameters shall be based on methods enabling reliable, representative and

[1] According to Section 7 of the application dated 20/04/2012 and submission dated 20/03/2014.

comparable results. Methods complying with harmonised EN standards shall be presumed to satisfy this requirement.

2.1.11 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 2.1.2.

2.1.12 Should the Permit Holder intend to install equipment which could lead to additional emissions to air (e.g. boiler, etc.), a variation of this Permit must be secured prior to installation and operation of this equipment.

2.1.13 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.

2.1.14 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

2.1.15 All abatement equipment and ducting shall be cleaned and maintained on a regular basis.

2.1.16 In the event of malfunction or breakdown leading to abnormal emissions from the 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.

Abnormal emission will include any detectable solvent smell other than in the area of the dry cleaning machine.

2.1.17 Further to condition 2.1.16, the Permit Holder shall provide ERA with details of the specific cause of the malfunction through the submission of filled in copy of Schedule 6 and the remedial steps taken or to be taken to address the malfunction.

2.1.18 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 and the generator referred to in Table 2.1.2. The certifications shall be submitted every 3 years as part of the Annual Environmental Report (AER).

2.1.19 The permit does not authorise the use of substances and preparations which because of their content of volatile organic compounds, are classified as carcinogens, mutagens, or toxic to reproduction, and are assigned or need to carry the hazard statements H340, H341, H350, H350i, H351, H360D or H360F, other than those included in the submitted EP Application[1].

2.1.20 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 an public health or environmental hazard.

2.2 Effluent discharges

[1] Section 4.4 of the application (dated 28/05/2015).

2.2.1 No discharges to surface waters or groundwater shall take place at the installation.

2.2.2 Process effluents shall not be diluted prior to transfer off-site.

2.2.3 No discharges other than domestic sewage shall be discharge in the foul sewer. Foul sewer drains must be strictly segregated from stormwater drains.

2.2.4 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

2.3.1 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).

2.3.2 All wastes shall be stored within a designated and controlled storage area(s) prior to ultimate disposal.

2.3.3 Wastes to be recycled shall be stored in a designated container or area and shall not be mixed with other wastes.

2.3.4 Liquid and/or hazardous wastes shall be stored in labelled, closed containers within the designated and controlled storage areas prior to ultimate disposal. Wastes of different natures and having different European Waste catalogue codes as established by Commission Decision 2000/532/EC and any subsequent amendments shall not be mixed in the same container.

2.3.5 Packaging material which came into contact with hazardous substances shall be regarded as hazardous waste and shall be stored and disposed of in an appropriate manner.

2.3.6 Solvent-contaminated waste, such as still residue, filters and filter powders, shall be stored in sealed containers in a designated bunded area prior to disposal and considered as hazardous waste unless proven otherwise to the satisfaction of the Authority.

2.3.7 No storage of waste, equipment or materials is permitted on property outside the permitted boundary.

2.3.8 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.

2.3.9 Off-site disposal or recovery of wastes may only take place at a facility licensed for that purpose.

2.3.10 On-site disposal of wastes by any means including burning, disposal to drain or surface water, burying or deposition on land is prohibited, unless specifically approved through a Variation of this Permit.

2.3.11 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.

2.3.12 Transboundary movement of waste shall be carried out in accordance with the following regulations, as amended from time to time:

a. Regulation (EC) N° 1013/2006 of the European Parliament and of the Council of 14 June 2006 on shipments of waste

b. Commission Regulation (EC) N° 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.

c. Any other applicable legislation.

2.3.13 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 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.

2.3.14 Should the Permit Holder require the services of a waste broker, it shall be ensures that any such broker is a duly registered waste broker in accordance with S.L. 549.45. 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.

2.3.15 Disposal certificates shall be kept on record and made available for inspection for a period of at least 4 years from date of their issue.

2.3.16 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.

2.4 Storage

2.4.1 All bulk fuel storage tanks 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 volume of all the tanks within the bund, whichever is greater. 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.

2.4.2 The Authority may request that bunds on site must be tested and certified to be leak-proof by an independent, warranted architect or engineer.

2.4.3 Drums and containers of solvents, oils or any other chemicals shall be stored in designated and secure storage areas. Storage areas shall be bunded or otherwise designed so that surface and ground waters cannot be contaminated by spillages.

2.4.4 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.

2.4.5 Dry cleaning solvents, including spot cleaning solutions, are to be stored in airtight containers in a designated bunded area, away from sources of heat and light.

2.4.6 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.

2.5 Ozone Depleting Substances

2.5.1 No new equipment or components (including refrigeration and fire fighting equipment or insulation foam), containing substances falling within the scope of EC Regulation No. 1005/2009 on substances that deplete the Ozone Layer & Subsidiary Legislation 549.58 Substances that deplete the Ozone Layer, regulations, shall be installed within the site.

2.6 Accident prevention and control

2.6.1 An Emergency Response Plan and/or contingency procedures shall be maintained containing details of the location, nature and quantity of chemicals, oils and fuels stored, any special hazards, a drawing showing location of drains and the emergency phone numbers of the Permit Holder and relevant authorities. It shall also include actions to be taken in the case of incidents which could affect the environment, such as fires and chemical / fuel spills. The emergency plan shall indicate that accidental releases of chemicals and fires caused by chemicals are to be managed as specified in the respective MSDS sheets.

2.6.2 Spillages of oil or other hazardous materials shall receive immediate attention to prevent escape to drain, surface water or land. Spilled material shall be disposed of in an appropriate manner. Kits for the collection of liquid and powder spills shall be available on site at sensitive locations.

2.6.3 In the case of an accident (including chemical spills, etc.), the Permit Holder shall follow the Emergency Response Plan referred to in Condition 2.7.2 and shall notify the Authority within 24 hours.

2.7 Closure and Decommissioning

2.7.1 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.

2.7.2 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 risk.

2.7.3 The Decommissioning Plan shall be implemented once approved by the Authority and within 12 months of final cessation or decommissioning of the Permitted activities or part thereof or according to a timeframe as may be agreed with the Authority in writing.

2.7.4 The obligations arising from this permit shall subsist until the Authority confirms in writing that the decommissioning plan has been implemented to its satisfaction.

2.7.5 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 Records

3.1 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 5 of this permit.

3.2 A weekly inventory of solvent usage and products cleaned and dried shall be maintained and kept on site for at least four years for inspection by the Competent Authority.

3.3 All the documentation necessary to verify the inventory, such as invoices, solvent usage logs, machine production logs and weight scales calibration logs shall be retained for a period of four years for inspection by the Competent Authority.

3.4 Any additional information necessary to verify emission calculations, such as Material Safety Data Sheets, waste disposal certificates and analysis results from an accredited laboratory (indicating the VOC content of the disposed waste), are also to be retained for a period of four years for inspection by the Competent Authority.

3.5 A testing and maintenance schedule is to be implemented by the Permit Holder and a log book kept at the permitted premises with details of all checks, maintenance, and repair work carried out on each dry cleaning machine and the scales used to weigh the loads.

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

a. be made available for inspection by the Authority upon request;

b. be supplied to the Authority on demand and without charge and in the format requested;

c. be legible;

d. indicate any amendments which have been made and shall include the original record wherever possible; and

e. be retained at the Permitted Installation, or other location agreed by the Authority in writing, for a minimum period of 4 years from the date when the records were made, unless otherwise agreed in writing.

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

a. Total amount of waste in kilos removed from site for disposal or further treatment.

b. Any incidents that took place on site such as mechanical faults in the machinery or equipment used on site, any spills, fires, etc and the remedial action taken.

c. Any other incidents that the permit holder deems important to record in the site daily operations log.

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

4 Reporting

4.1 The Permit Holder shall submit to the Authority an Annual Environmental Report (AER) of the previous calendar year by not later than end of March of each year, providing the information listed in Schedules 1 and 2 of this Permit and in the format specified therein.

4.2 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.

4.3 The Authority shall be informed within 24 hours in the event of an environmental hazard or major incidents.

5 Management and Technically Competent Person

5.1 One member of the staff should be nominated as the Technically Competent Person (TCP) of the site, whereby this person is to physically represent the Permit Holder during the times when the Permit Holder will not be available.

5.2 The TCP is responsible for the implementation of all the obligations stipulated in this permit, must supervise the rest of the staff on site and is completely responsible to ascertain that all permit conditions are being adhered to and that unauthorised waste does not enter the site.

5.3 The TCP is to be present at all times on site and in her/his absence another member of staff is to substitute him/her temporarily. In the event that a TCP terminates her/his employment, another person shall be appointed as a TCP immediately and the Authority shall be informed of this change.

5.4 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;

5.5 In the event where operations cease temporarily, the TCP or Permit Holder are obliged to notify the Authority within two (2) days and are also to inform the Authority with regards to when the works are intended to resume.

5.6 All the staff on site should be fully aware of the procedures to be taken to contain any environmental hazard which may arise related to the activities being carried out on site.

6 Notifications

6.1. 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; and

d. Any accident which has caused, is causing or has the potential of causing significant pollution.

6.2. The Permit Holder shall submit written confirmation to the Authority of any notification under Condition 6.1, by sending:

a. The information listed in Part A of Schedule 6 to this Permit within 24 hours of such notifications; and

b. The more detailed information listed in Part B of Schedule 6 as soon as practicable

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 (1 January to 31 December)	
Name and locality of Site	
Brief description of activities at the site	

S1.2 Fuel Consumption Data

Equipment [1]	Fuel type	Sulphur Content of Fuel [2]	Fuel Consumption	Units
				tonnes
				tonnes

S1.3 Off-site transfers and exports of hazardous waste

Date of transfer	EWC Code[3]	Quantity of waste (in kg)	TFS/CP number	Ultimate destination

S1.4 Transport of Waste

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

[1] E.g. Boiler, generator, vehicles, etc.
[2] Specify units (e.g. as percentage, or mg/kg)
[3] European Waste Catalogue Code (Reference: Commission decision 2000/532/EC establishing a list of wastes)

S1.5 Emissions to Air & Submission of Certifications

Emission point	Parameter	Limit Value at 3% O_2	Concentration[1] (mg/Nm^3)	Certification submitted	Total Annual Load (Kg)
PS1.1	Carbon Monoxide	-			
	SO_2	$350mg/Nm^3$			
	Total Particulate Matter	$50mg/Nm^3$			
	Oxides of Nitrogen	$650mg/Nm^3$			
PS1.2	Carbon Monoxide	-			
	SO_2	$350mg/Nm^3$			
	Total Particulate Matter	$50mg/Nm^3$			
	Oxides of Nitrogen	$650mg/Nm^3$			
PS1.3	Carbon Monoxide	-			
	SO_2	$350mg/Nm^3$			
	Total Particulate Matter	$50mg/Nm^3$			
	Oxides of Nitrogen	$650mg/Nm^3$			

[1] Annual average if more than one measurement is taken. Concentration shall be corrected to 3% O_2.

Applicant's declaration

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

…… ……..
……

Name **ID Card Number** **on behalf of / in my own name**
(in block letters) *(in block letters)*

……
……

Signature **Date**

Schedule 2

Solvent VOC Reporting Template

Kindly fill in the questionnaire with the information requested below. This information is being requested for the reporting period detailed below, in accordance with the installation's Environmental permit.	
Permit Number	**EP 00074/19**
Installation	**Swan Laundry and Dry Cleaning Limited**
Activity	**Dry Cleaning**
Reporting Period	**01 January (Year) – 31 December (Year)**

1	Total weight of products cleaned and dried during the reporting period	_____**kg**	*A*
2	Total solvent consumption during the reporting period *Solvent consumption =* *solvent added to the machine during the reporting period (top-ups)* *+ solvent used during the reporting period for spotting, etc.* *+ solvent in all the dry cleaning machines on first day* *- solvent in all the dry cleaning machines on last day*	_____**kg**	*B*
3	Have you already identified a licensed carrier for disposal of the installation's hazardous waste (i.e. solvent contaminated waste, such as still residues, filters, filter powder, etc)? If Yes, please provide the name of the waste carrier: . . . . . . If No, please contact ERA's Compliance and Enforcement Directorate for assistance.	**Yes / No**	
4	Was any solvent-contaminated waste disposed of during the reporting period? If Yes, a) Was this waste produced during the reporting period? b) Was the waste analysed by an accredited laboratory to determine the solvent content? c) If you answered Yes to (b), please indicate quantity of solvent in disposed waste. ** N.B. Only solvents in waste that was produced during the reporting period should be included here.*	**Yes / No** **Yes / No** **Yes / No** _____**kg** *	*C*
5	Weight of solvent-contaminated waste awaiting disposal at the end of the reporting period	_____**kg**	*D*

6	Total solvent emissions (E) during the reporting period Please calculate total solvent emissions E as follows: **Total Solvent Emissions E = (B – C)x1000 ÷ A** A = Weight of products cleaned and dried B = Solvent consumption C = Solvent disposed of in collected waste N.B. **C = 0 if** ▪ No waste was disposed of during the reporting period, or ▪ The disposed waste was not analysed for VOC content by an accredited laboratory	**g emitted / kg of product cleaned and dried**	*E*
7	If the Total Emissions Limit Value of 20 g / kg of product cleaned and dried has been exceeded (E > 20), please provide further information on: ▪ Timeframe during which the Emission Limit Value was exceeded ▪ Reasons identified for non-compliance ▪ Corrective actions taken ▪ Emissions performance following the corrective actions This information is to be submitted as a signed and dated document together with this report. The document is to be referenced in the appropriate field on the right.	**Attached Document** *(Name or Number reference)*	
8	Other comments:		

Applicant's declaration

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

……	……..	……
Name	**ID Card Number**	**on behalf of / in my own name**
(in block letters)		*(in block letters)*
……		……
Signature		**Date**

Schedule 3

Submission of certifications and documentation

Condition Number	Documentation
1.5.1	Improvement Programme Items as per Table 1.5.1
2.1.18	Certification of good working order for the boilers and generator.
4.1	Submission of Annual Environmental Report

Schedule 4

Dry Cleaning Machines Details

Authorised Dry Cleaning Machines

	Make	Model	Serial Number	Load Capacity	Dry Cleaning Solvent	Year of Manufacture	Year of Installation
1	Renzacci	Progress 50	21114	22kg	Perchloroethylene	2007	2007
2	Renzacci	Progress 80	21115	35kg	Perchloroethylene	2007	2007

Schedule 5

Minimum requirements for an Environment Management System (EMS)

The EMS should include, as a minimum, the following elements:

1. **Management and Reporting Structure**
   This should in particular include the name of the person who will be responsible for managing environmental aspects of the installation. Relevant qualifications and experience should be listed, together with contact details (including a mobile number for emergency purposes).

2. **Environmental Objectives and Targets**
   The section should include a review of all operations and processes, a commitment by the operator to continuous improvement, and identification of priority areas where improvement to the operations is necessary and practicable, such as:
   a. recycling of materials;
   b. minimisation of waste;
   c. efficient use of resources (especially water and energy);
   d. use of biodegradable chemicals;
   e. minimising use of solvents;
   f. procedures to minimise noise disturbance to neighbours;
   g. phasing out of CFCs and ozone-depleting substances, if any.

   Targets should be set for priority areas identified (e.g. minimising waste generation by a predetermined percentage annually).

3. **Environmental Management Programme (EMP)**
   This should include a time schedule for achieving the Environmental Objectives and Targets prepared under point 2 above. The time schedule should cover a period of 5 years. The EMP should include:
   a. designation of responsibility for targets;
   b. the means by which they may be achieved;
   c. the time within which they may be achieved.

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

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

5. **Corrective Action**
   The operator should establish procedures to ensure that corrective action is taken should the specified requirements of the environmental permit not be fulfilled. The responsibility and authority for initiating further investigation and corrective action in the event of a non-conformity with the environmental permit should be defined.

6. **Awareness and Training**
   The operator should establish and maintain procedures for identifying training needs, and for providing appropriate training, for all personnel whose work can have a significant effect upon the environment. Appropriate records of training should be maintained.

7. **Maintenance Programme**
   The operator should establish and maintain a programme for maintenance of all plant and equipment based on the instructions issued by the manufacturer/supplier or installer of the equipment. Appropriate record keeping and diagnostic testing should support this maintenance programme. The licensee should clearly allocate responsibility for the planning, management and execution of all aspects of this programme to appropriate personnel.

Schedule 6
Notification of abnormal emissions

This page outlines the information that the Permit Holder must provide to satisfy Conditions 5.2 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** *(e.g. air, groundwater)*	**Best estimate of the quantity or the rate of emission** *(include units)*	**Time between which the emission took place**

Measures taken, or intended to be taken, to stop the emission	

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[1]	
I.D. Card No./Passport No.	
Designation	
Signature	
Date	

[1] authorised to sign on behalf of Operator

Schedule 7
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 1.3.1. The extent of the site boundary is indicative and should not be used for interpretation purposes.

END OF PERMIT