

Environmental Permit

Environment and Development Planning Act (CAP. 504)

Permit number
EP 0003/13/B

The Malta Environment and Planning Authority (hereinafter the Authority; the Competent Authority or MEPA) in exercise of its powers under the Environment and Development Planning Act (CAP. 504) and the Waste Regulations, 2011 (L.N. 184 of 2011 as amended), hereby authorises:

Ivy Ltd.

Company registration number: **C 43054**

(hereinafter “the Operator” or “the Permit Holder”),
Of / Whose Registered Office (or principal place of business) is at

Ivy Ltd.

***No. 8, Harmony
Triq il-Qiegħa
Attard, ATD 1911***

to carry out waste management activities related to the temporary storage of Solder Dross prior to export at:

**Garage No.3
Triq Mastru Gorg Cachia
Handaq, Qormi**

to the extent authorised by and subject to the conditions of this Permit.

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

Signed

Date

Perit Vincent Cassar F/Director Environment Protection	Permit Issued: 13 / 05 / 2014
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Authorised to sign on behalf of the Competent Authority

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Conditions

1 General

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

Status Log

Detail	Date
<i>Application EP</i>	15 February 2013
<i>Permit Issued</i>	06 May 2013
<i>Renewal Issued</i>	13 May 2014

1.1 Permitted Activities

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

Table 1.1.1

Activity	Description of specified activity	Limits of specified activity
Storage of non-hazardous solder dross in bulk boxes	Storage of non-hazardous solder dross in designated areas for a period of up to (but not exceeding) 24 months	From receipt of waste to dispatch of labelled and packaged waste to authorised facilities either locally or abroad.

1.2 Site

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

1.3 General Conditions

1.3.1 The conditions and obligations of this permit are without prejudice to any other regulation, code of practice, conditions or requirements requested by other Authorities or entities, including but not limited to, the Occupational Health and Safety Authority, Transport Malta and the Malta Resources Authority.

1.3.2 The conditions and obligations of this permit are without prejudice to any valid and approved, pending or any other development permits that are going to be submitted or issued on this site, any planning regulations, planning limitations or any provisions listed in the Environment and Development Planning Act (CAP. 504; Act X of 2010).

1.3.3 This permit is being granted saving third party rights.

1.3.4 In these conditions and their interpretation, all terms shall have the same meaning as that assigned to them in the Waste Regulations, 2011, as published by Legal Notice 184 of 2011 as amended, or any statutory provisions or regulations amending or replacing them.

- 1.3.5 The waste management activities on site shall be managed without endangering human health or harming the environment, in particular:
 - a. Without risk to water, air, soil, plants and animals;
 - b. Without causing a nuisance through noise, dust or odours;
 - c. Without adversely affecting the countryside or places of special interest/value.
- 1.3.6 The Permit Holder is to be fully liable and responsible for managing the site in all its various aspects and to supervise the full adherence with all the conditions of this permit.
- 1.3.7 The site must be well secured to minimise the opportunity for unauthorised entry.
- 1.3.8 The company shall maintain a register of third party complaints. The register shall record the name and address of the complainant(s), the date, location, source and nature of the complaint and the corrective action undertaken, where such action proves necessary.
- 1.3.9 In the event of cessation of business activity on the site, all wastes (including machinery, tanks, equipment) and hazardous materials must be removed from the site such that any pollution risk is avoided and the site is returned to a satisfactory state. The Operator shall notify the Authority immediately upon a decision being taken to cease business activity, and shall submit a decommissioning plan to the Authority for approval.
- 1.3.10 All plant, equipment and technical means used in operating the Permitted Installation shall be maintained in good operating condition and without causing significant polluting emissions, potentially polluting leaks and spillages or excessive noise. The operator shall keep maintenance records.
- 1.3.11 The Permitted Installation shall be managed, controlled, supervised and operated by staff who are aware of the importance of environmental protection and suitably trained on the requirements of this Permit, in particular on those permit conditions relevant to their duties. 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.
- 1.3.12 This Permit is not transferable unless by application to the Authority, whereby the permit will be transferable only after an official letter from the Authority endorses the permit transfer. Transfer of ownership will also necessitate the transfer of environmental obligations and liabilities.
- 1.3.13 The Authority shall carry out regular compliance checks and audits that vary in frequency according to the site's compliance with the permit conditions. Any such checks and audits carried out by the Authority are to be made at the Permit Holder's financial expense.
- 1.3.14 The Authority's representatives are empowered to inspect every part of the site and ask for any closed or locked areas to be opened. They are also entitled to be given any proof, documentation, plans, receipts or any other records which these Authority representatives may request.
- 1.3.15 The Authority reserves the right to alter, amend or remove any of the conditions of this permit after notifying the Permit Holder of its intention and after describing the changes to the Permit Holder.
- 1.3.16 The Permit Holder is able to request the Authority to change or amend any of the conditions of this permit with which the Permit Holder is no longer in a position to achieve compliance by applying for a Variation Notice. The changes in the permit conditions are only affected once official documentation from the Authority notifies the

Permit Holder that the Variation Notice is in affect. Until such a time, the permit holder retains the responsibility to achieve full compliance with these conditions.

- 1.3.17 The validity of this permit is until **13 May 2018**. The Permit Holder is able to renew the permit upon application with the Authority expressing his/her intention at least six (6) weeks prior to the expiry of the permit. The permit will be considered renewed once the official Variation Notice is issued by the Authority.
- 1.3.18 This permit is issued against a bank guarantee of € 2,500 (**Financial Guarantee Number 8820130498**) and is to be renewed annually. The Authority reserves the right to take part or all of the financial guarantee if the Permit Holder fails to take the necessary action 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 operator through failure to adhere with permit conditions.
- 1.3.19 In cases where the financial 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.
- 1.3.20 A copy of this permit should be available at all times on site at the permitted facility, including any Variation Notices or amendments to it.
- 1.3.21 The Authority may revoke this environmental permit or part of this environmental permit where significant mismanagement of the site is observed or any of the permit conditions are not respected after a written warning is given by the Authority or in any eventuality that gives the Authority enough reason to revoke this permit.
- 1.3.22 The Permit Holder is able to surrender this environmental permit **only after** applying with the Authority. The Permit Holder shall retain all responsibility for management and activities within the site until the Authority officially approves the permit surrender in writing.
- 1.3.26 The Authority reserves the right to attach a fee to this permit.

1.4 Operational Changes

- 1.4.1 The operator shall seek the Authority's written agreement to any operational changes which could cause impact on the environment (including introduction of new waste streams, processes or equipment) by sending to the Authority: written details of the proposed change, including an assessment of its possible effects (including changes in emission and waste production) on risks to the environment from the Permitted Facility; any relevant supporting documentation or drawings, and the proposed implementation date.
- 1.4.2 Any such change shall not be implemented until agreed in writing by the Authority. As from the agreed implementation date, the operator shall operate the Permitted Installation according to that change, and relevant positions in the Application shall be deemed to be amended.

2. Site Infrastructure and Operations

2.1 Site Infrastructure

- 2.1.1 During non-operating hours the site should be firmly closed and totally inaccessible to third parties, both by vehicle and on foot.

- 2.1.2 A quarantine area is to be designated within the site boundary to temporarily hold unpermitted waste that may enter the site (refer to Section 3). A non leaking skip or similar contained structure can be utilised for the temporary storage of unpermitted waste.
- 2.1.3 The site should be clearly identified by a site identification board, which should be replaced as soon as it is damaged or the information is no longer readable from a distance. The site identification board should be located at the site entrance and should contain the following information:
- a. The company name and address
 - b. List of authorised activities on site
 - c. 24 hour emergency mobile number
 - d. Permit Number (making it clear this site is permitted by the Authority)
 - e. Opening hours of the site
- 2.1.4 No waste shall be deposited, stored, treated or otherwise handled in any area of the site that is not impermeable. No liquids (wastes or otherwise) are allowed to be kept on site.

2.2 Permitted Operations on Site

- 2.2.1 Only waste streams as set out in the European Waste Catalogue codes in Schedule 1 can be accepted and processed on site.
- 2.2.2 The total quantities of waste accepted at the site per year shall not exceed the permitted site boundaries. The total amount of waste that can be stored at any given time cannot exceed the capacity of the permitted facility as set out during the environmental permit application process.
- 2.2.3 All wastes leaving the site after storage and/or processing must only be sent to facilities licensed to accept the individual waste stream, either locally or abroad.

2.3 Hours of Operation

- 2.3.1 Without prejudice to any code of practice or any other regulations or agreements between or from other Authorities or governmental bodies, the waste management operations authorised by this Permit shall only be carried out within the times specified below:

Monday to Friday:	07:00 – 17:00
Saturday:	07:00 – 17:00
Sunday and Public Holidays:	Closed

3. Operating Conditions

3.1 Emissions

3.1.1 Emissions to Air

- 3.1.1.1 No emissions to air shall take place from the Permitted Installation.

3.1.2 Effluent Discharges

- 3.1.2.1 No discharges to surface water or groundwater shall take place from the Permitted Installation.

3.1.2.2 No discharges to the foul sewer (other than from domestic sewage or equivalent) shall take place from the Permitted Installation.

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

3.1.3 Emissions to Land

3.1.3.1 No emission from the Permitted Installation shall be made to land.

3.1.4 Odour

3.1.4.1 The Operator shall prevent or where that is not practicable reduce odorous emissions from the Permitted Installation so as not to cause nuisance to Third Parties.

3.1.5 Noise and Vibration

3.1.5.1 The Operator shall prevent or where that is not practicable reduce emissions of noise and vibration from the Permitted Installation.

3.1.5.2 The Authority shall reserve the right to request a noise monitoring analysis, at the expense of the Permit Holder. In this regard, the locations, measurements and assessment must be made according to BS 4142:1997, all the series of ISO 1996, ISO 9613 and any other standard methodology stipulated by the Authority. This shall be subject to the submission of a method statement and subsequent approval by the authority prior to the commencement of any monitoring.

3.1.6 Waste

3.1.6.1 The Permit Holder shall apply the precautionary principle to safeguard the environment whilst carrying out the permitted activities and should immediately refuse the entry of waste that is suspected to be in breach of the conditions of this permit.

3.1.6.2 The Permit Holder shall ensure that all waste management operations authorised in accordance with this Permit are carried out in an orderly manner and in such a way as to cause the least possible disturbance to the surroundings and the least possible nuisance to third parties.

3.1.6.3 All wastes shall be stored within a designated and controlled storage area(s) prior to ultimate disposal. Any unpermitted wastes that may inadvertently enter the site must be stored in a clearly defined quarantine area (Condition 2.1.2) and not be mixed with other wastes on site.

3.1.6.4 No storage, treatment or recovery of hazardous waste is allowed on site.

3.1.6.5 Any hazardous wastes which may inadvertently enter the sites 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 shall not be mixed in the same container.

3.1.6.6 No liquid wastes shall be accepted on site.

3.1.6.7 No storage of waste is permitted for a period exceeding 12 months.

3.1.6.8 The operator is to prevent litter or other wastes escaping from the site boundaries. Any such escape of waste shall be collected immediately upon detection.

- 3.1.6.9 Only registered waste carriers as per activity 38 of schedule 1 in the Waste Management (Activity Registration) Regulations, 2007 as published by Legal Notice 106 of 2007 are allowed to transport waste to and from this site.
- 3.1.6.10 The Permit Holder shall maintain records of the weight of each waste consignment received and /or removed from the site, and such data is to be collected using a properly calibrated scale. Operator is to submit details of the scale used, together with its location and calibration details. Records of waste weighed prior to loading onto the vehicle from the point of collection may be accepted in lieu of on site weighing.
- 3.1.6.11 The Permit Holder shall ensure to issue a receipt for every consignment of wastes accepted and removed on Site indicating the date and time of the consignment and the weight of the waste received. Each receipt should indicate the site name and permit number, as well as bearing a unique sequential number. Where applicable, this also applies to any Recycling Certificates issued by the operator as part of any recycling scheme.
- 3.1.6.12 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° 1379/2007 of 26 November 2007 amending Annexes IA, IB VII and VIII of Regulation (EC) N° 1013/2006 of the European Parliament and of the Council of Shipments of waste, for the purposes of taking account of technical progress and changes agreed under the Basel Convention; and
 - c) (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.
- 3.1.6.13 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.
- 3.1.6.14 All hazardous waste transferred off the site from the quarantine area shall be accompanied by a valid hazardous waste Consignment Permit issued by MEPA. Each consignment under the consignment permit should be accompanied by a Consignment Note.

4. Site Management

4.1 Staff obligations and Responsibilities

- 4.1.1 All employees on site should be fully conversant with the obligations of this permit and should be individually aware of their responsibilities and liabilities in observing the conditions of this permit.
- 4.1.2 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.
- 4.1.3 The TCP is responsible for the implementation of all the obligations stipulated in this permit, must supervise the rest of the staff on site and is completely responsible to

ascertain that all permit conditions are being adhered to and that unauthorised waste does not enter the site.

- 4.1.4 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 informed of this change.
- 4.1.5 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.
- 4.1.6 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.

4.2 Control of Mud, Debris & Emissions

- 4.2.1 At all times during the year the Permit Holder and/or TCP are to ascertain that the roads leading to the facility are clean and free of mud or large debris. In the event that mud or large debris is observed on the road the Permit Holder and/or TCP is to take remedial action and ascertain that the roads are immediately cleaned.

4.3 Accident Prevention and Control

- 4.3.1 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 operator and relevant authorities. It shall also include actions to be taken in the case of incidents which could affect the environment, such as fires and chemical/fuel spills. The emergency plan shall indicate that accidental releases of chemicals and fires caused by chemicals are to be managed as specified in the respective MSDS sheets.
- 4.3.2 The emergency response plan shall be updated whenever necessary and the updated version sent to MEPA and the Civil Protection Department.
- 4.3.3 In the case of an accident (including fire, chemical spills, etc.), the Operator shall follow the Emergency Response Plan referred to in Condition 4.3.1 and, in the case that such accident could reasonable be regarded as causing environmental damage or as posing a threat of environmental damage, the Operator shall notify the Authority within 24 hours.

4.4 Site Records & Archive

- 4.4.1 A site diary should be kept on site in which the following information shall be recorded on a daily basis:
 - i. Total amount of waste in kilos accepted on site
 - ii. Total amount of waste in kilos removed from site for disposal or further treatment
 - iii. Total amount of waste in kilos refused entry on site
 - iv. Total amount in kilos of unaccepted material sent to the quarantine area and by which registered waste carrier it was transported
 - v. 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
 - vi. Names of visitors
 - vii. Any other incidents that the Permit Holder deems important to record in the Site Diary.

Each event recorded within the site diary must be completed within 24 hours of the event.

- 4.4.2 The Operator 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:
- i. be made available for inspection by the Authority at any reasonable time;
 - ii. be supplied to the Authority on demand and without charge and in the format requested;
 - iii. be legible;
 - iv. be made as soon as reasonably practicable;
 - v. indicate any amendments which have been made and shall include the original record wherever possible; and
 - vi. be retained at the Permitted Installation, or other location agreed by the Authority in writing, for a minimum period of 3 years from the date when the records were made, unless otherwise agreed in writing.

4.5 Reporting

- 4.5.1 The Operator 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 3 of this Permit and in the format specified therein.
- 4.5.2 A summary record of the waste quantities accepted and removed from the Site shall be made annually and shall be submitted to the Authority as part of the AER. The summary record shall be in the format specified in Schedule 3 of this permit and shall be submitted within one month from the end of the reporting year.

Schedule 1
Complete List of Permitted Waste on Site

European Waste Codes	Description of Waste
10 08 11	Dross and skimmings other than those mentioned in 10 08 10

Schedule 2
Site Map

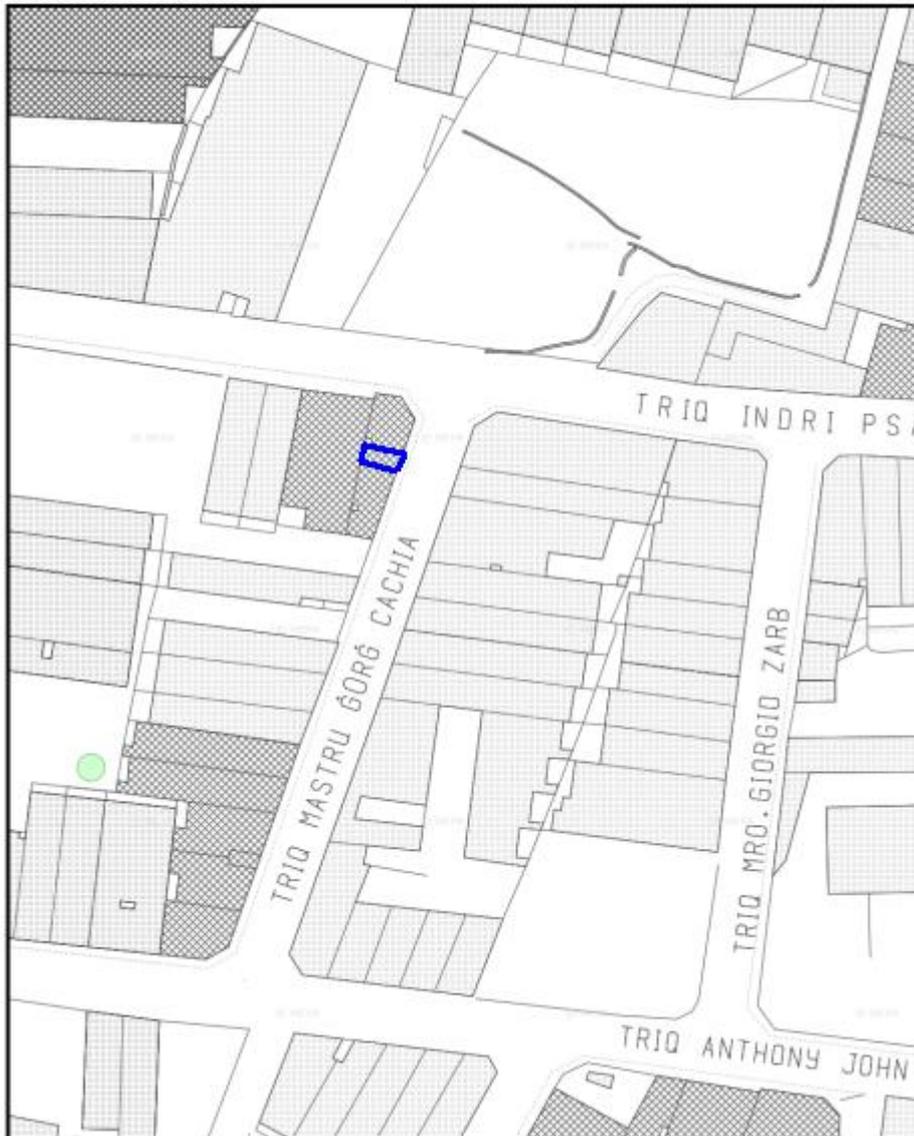


Fig. 1: Site of permitted installation, showing extent of area in blue.

Schedule 3

Annual Environmental Report (AER)

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.

S3.1 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	

S3.2 Total amount of waste accepted and processed on site

A summary record of the waste quantities accepted and removed from the Site per month (table S3.2.1) and for the whole calendar year (table S3.2.2).

Table S3.2.1: Total input and output of all waste by month (which is to be filled in for each month)

Month	Input		Output		Output's Final Destination <i>i.e. it should be specified whether the waste material was exported directly, sold to third party in Malta or stored on site.</i>
	EWC Code	Quantity (tonnes)	EWC Code	Quantity (tonnes)	

Table S3.2.2: Total input and output for the whole calendar year

Input		Output		Output's Final Destination <i>i.e. it should be specified whether the waste material was exported directly, sold to third party in Malta or stored on site.</i>
EWC Code	Quantity (tonnes)	EWC Code	Quantity (tonnes)	

S3.3 Annual Reporting January – December

Table S3.3.1: Wastes still in storage in January from the previous year per EWC codes (in Tonnes)

Wastes still in storage in January from the previous year per EWC codes (in Tonnes)			
EWC Code			Quantity (tonnes)
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EWC Code			Quantity (tonnes)

Table S3.3.2: Wastes still in storage in December per EWC codes

Wastes still in storage in December per EWC codes			
EWC Code			Quantity (tonnes)
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END OF PERMIT