



**POLLUTION PREVENTION AND CONTROL ACT 1999
ENVIRONMENTAL PERMITTING (ENGLAND AND WALES)
REGULATIONS 2010
(as amended)**

Permit Number:2.2/073586/ET

**Installation Address: Tipro (Yorkshire) Ltd
Canal Works
77-79 Sussex Street
Sheffield
S4 7YY**

In accordance with Regulation 13 of the Environmental Permitting (England and Wales) Regulations 2010 as amended, Tipro (Yorkshire) Ltd is hereby permitted to operate a scheduled activity at the address detailed above, namely metal decontamination as described in Schedule 1, Part 1, Chapter 2, Section 2.2, Part B, subsection b) and subject to the following conditions of this Permit.

Signed

Dated this day 15th September 2015

Manager

Authorised by Sheffield City Council to sign on their behalf

The scheduled activity falls under the following chapter of Schedule 1 of the Environmental Permitting (England and Wales) Regulations 2010; Chapter 2, Section 2.2, Part B subsection:

(b) The heating in a furnace or any other appliance of any non-ferrous metal or non-ferrous metal alloy for the purpose of removing grease, oil or any other non-metallic contaminant, including such operations as the removal by heat of plastic or rubber covering from scrap cable, if not related to another activity described in this Part of this Section; but an activity does not fall within this paragraph if—

(i) it involves the use of one or more furnaces or other appliances the primary combustion chambers of which have in aggregate a net rated thermal input of less than 0.2 megawatts; and

(ii) it does not involve the removal by heat of plastic or rubber covering from scrap cable or of any asbestos contaminant.

The Secretary of States Guidance 2/9 (13) “Guidance for Metal Decontamination Processes and Installations” has provided the framework for the conditions in this permit.

Name & Address of Operator:

Tipro (Yorks) Ltd
Canal Works
77-79 Sussex Street
Sheffield
S4 7YY

Contact: Mr David Clarke Tel 0114 272 0874 OR 07940 370335

Registered Office:

Tipro (Yorks) Ltd
Canal Works
77-79 Sussex Street
Sheffield
S4 7YY

Holding Company: No

Company Number: 08325616

Address of Permitted Installation:

Tipro (Yorks) Ltd
Canal Works
77-79 Sussex Street
Sheffield
S4 7YY

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Talking to Us

Any communication with Sheffield City Council should be made to the following address quoting the Permit Number:

**ENVIRONMENTAL PROTECTION SERVICE
SHEFFIELD CITY COUNCIL
2-10 CARBROOK HALL ROAD
CARBROOK
SHEFFIELD
S9 2DB**

Alternatively Email: epsadmin@sheffield.gov.uk or Ring 273 4651

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Explanatory Note to Pollution Prevention and Control Permit for Part B Installations.
(This note does not form a part of the Permit)

The following Permit is issued under Regulation 13 of the Environmental Permitting (England and Wales) Regulations 2010 (S.I. 2010 No.675), as amended, (“the EP Regulations”) to operate an installation carrying out activities covered by the description in Section 2.2 of Schedule 1, Part 1 of those Regulations, to the extent authorised by the Permit:

Process Changes

Under the provisions of the EP Regulations, you are required to notify the Council of any proposed change in operation at least 14 days before making the change. This must be in writing and must contain a full description of the proposed change in operation and the likely consequences. Failure to do so is an offence.

If you consider that a proposed change could result in the breach of the existing permit conditions or is likely to require the variation of permit conditions then you may apply in writing under Regulation 20(1) of the EP Regulations. Additionally, if this involves a SUBSTANTIAL CHANGE to the installation you will be required to submit an application, pay the relevant fee and advertise the application accordingly. You may serve a Notice on the Council requesting that they determine whether any change that is proposed would constitute a substantial change before you proceed with application.

Variations to the Permit

The Permit may be varied in the future by the Council serving a Variation Notice on the Operator. If the Operator wishes any of the Conditions of the Permit to be changed, a formal Application must be submitted.

Surrender of the Permit

Where the Operator of a Part B installation or mobile plant ceases or intends to cease the operation of the activity the Operator may notify the regulator of the surrender of the whole permit, in any other case, notify the regulator of the surrender of the permit in so far as it authorises the operation of the installation or mobile plant which he/she has ceased or intends to cease operating. The notification shall contain information as described in Regulation 24 or 25 of the EP Regulations.

Transfer of the Permit or Part of the Permit

Before the Permit can be wholly or partially transferred to another person, a joint application to transfer the Permit has to be made by both the existing and proposed holders, in accordance with Regulation 21 of the EP Regulations. A transfer will be allowed unless Sheffield City Council considers that the proposed holder will not be the person who will have control over the operation of the installation or will not ensure compliance with the conditions of the transferred Permit.

Annual Subsistence Fee

In accordance with Regulation 65 of the EP Regulations, the holder of a permit is required to pay a fee for the subsistence of the Permit. This fee is payable annually on 1st April. You are advised that under the provisions of Regulation 65 (5) of the EP Regulations, if you fail to pay the fee due promptly, Sheffield City Council may revoke the Permit. You will be contacted separately each year in respect to this payment.

Public Register

The Council is required by Regulation 46 of the EP Regulations to maintain a Public Register containing information on all LAPPC installations and mobile plant. The register is available for inspection by the public free of charge during office hours (Monday to Friday 9.00 am to 5.00 pm) at the following address:

Environmental Protection Service
Sheffield City Council
2-10 Carbrook Hall Road
Carbrook
Sheffield
S9 2DB

Tel: 0114 273 4651 or email epsadmin@sheffield.gov.uk

Confidentiality

Sheffield City Council has a duty to consider the question of confidentiality of information supplied to it. If any information supplied is considered confidential, a statement of which information this applies to and the reasons why it is considered confidential should be specified. The Operator is reminded that he may apply to Sheffield City Council for the exclusion of information from the public register under the provisions of the Environmental Permitting (England and Wales) Regulations 2010 as amended.

Appeals

Under Regulation 31 of the EP Regulations Operators have the right of appeal against the conditions attached to their permit. Schedule 6 of the EP Regulations sets out the detailed procedures.

Appeals against a Variation Notice do not have the effect of suspending the operation of the Notice. Appeals do not have the effect of suspending Permit conditions.

Notice of appeal against the conditions attached to the permit must be given within six months of the date of the Notice, which is the subject matter of the appeal.

How to Appeal

There are no forms or charges for appealing. However, for an appeal to be valid, appellants (the person/Operator making the appeal) are legally required to provide:

- Written notice of the appeal;
- A statement of the grounds of appeal;
- A statement indicating whether the appellant wishes the appeal to be dealt with by written representations procedure or a hearing – a hearing must be held if either the appellant or enforcing authority requests this, or if the Planning Inspector or the Secretary of State decides to hold one.
- (Appellants must copy the above three items to the local authority when the appeal is made)
- A copy of any relevant application;
- A copy of any relevant permit;
- A copy of any relevant correspondence between the appellant and the regulator; and
- A copy of any decision or notice, which is the subject matter of the appeal.

Where to Send Your Appeal Documents

Appeals should be addressed to:

**The Planning Inspectorate
Environmental Appeals Administration
Room 4/19 – Eagle Wing
Temple Quay House
2 The Square
Temple Quay
Bristol BS1 6PN**

In the course of an Appeal process the main parties will be informed of procedural steps by the Planning Inspectorate.

To withdraw an appeal the appellant must notify the Planning Inspectorate in writing and copy the notification to the local authority.

Enforcement

An **Enforcement Notice** may be served if the Local Authority believes an Operator has contravened, is contravening or is likely to contravene any condition of his Permit.

A **Suspension Notice** may be served if in the opinion of the Local Authority the operation of an installation involves an imminent risk of serious pollution. This applies whether or not the Operator has breached a Permit condition.

The Local Authority can revoke a Permit by written notice at any time by serving a **Revocation Notice**. The Permit then ceases to authorise the operation of the installation.

Offences

A limited summary of the offences is listed below:

- a) operation of an installation without a Permit
- b) failure to comply with or contravene a Permit condition
- c) failure to comply with the requirements of an enforcement or suspension notice

A full list is available under Regulation 38 of the Environmental Permitting (England & Wales) Regulations 2010 as amended.

Penalties

The maximum penalties for the above offences are a fine not exceeding £50,000 and/or up to twelve months imprisonment per offence for a summary conviction (in a Magistrates Court); and a fine and/or up to five years imprisonment for conviction on indictment (in a Crown Court).

Definitions

In relation to this Permit, the following expressions shall have the following meanings:

“Application” means the application for this Permit, together with any response to a notice served under Schedule 4 to the EPR Regulations and any operational change agreed under the conditions of this Permit.

“EPR Regulations” means the Environmental Permitting (England and Wales) Regulations S.I.2010 No. 675 (as amended) and words and expressions defined in the EPR Regulations shall have the same meanings when used in this Permit save to the extent they are explicitly defined in this Permit.

“Permitted Installation” means the activities and the limits to those activities described in this Permit.

“Monitoring” includes the taking and analysis of samples, instrumental measurements (periodic and continual), calibrations, examinations, tests and surveys.

“Regulator” means any officer of Sheffield City Council who is authorised under section 108(1) of the Environment Act 1995 to exercise, in accordance with the terms of any such authorisation, any power specified in Section 108(1) of that Act.

“BAT” means the most effective and advanced stage in the development of activities and their methods of operation which indicates the practical suitability of particular techniques for providing in principle the bases for emission limit values designed to prevent, and where that is not practical, generally to reduce emissions and the impact on the environment as a whole. For those purposes:

“available techniques” means those techniques which have been developed on a scale which allows implementation in the relevant industrial sector, under economically and technically viable conditions, taking into consideration the cost and advantages, whether or not the techniques are used or produced inside the United Kingdom, as long as they are reasonably accessible to the Operator;

“best” means, in relation to techniques, the most effective in achieving a high general level of protection of the environment as a whole; *“techniques”* include both the technology used and the way in which the installation is designed, built, maintained, operated and decommissioned. Schedule 2 of the Regulations shall have effect in relation to the determination of best available techniques, and;

“Fugitive Emission” means an emission to air from the permitted installation that is not controlled by an emission limit imposed by a condition of this Permit.

Where any condition of this Permit refers to the whole or parts of different documents, in the event of any conflict between the wording of such documents, the document with the most recent publication date shall be taken to be the most appropriate document to be used.

DESCRIPTION OF ACTIVITIES.

Storage of Metals

There are three designated bays where metals are stored known as the raw materials storage as shown within the Installation Layout within Schedule 2. The main raw material is titanium turnings which is stored within these bays.

Crushing of Turnings

The titanium turnings are received in a machined condition and manually fed into an Arboga Crushing Machine located in the yard area. The Arboga crushing machine chips the turnings into a fine source material and then the turnings are fed into a mill which chips the turnings to produce a source that is now suitable for processing.

Centrifuge

The fine titanium turnings are fed into a centrifuge after milling which removes water and oils. This liquid waste is fed into an underground storage tank, which is approximately 3m³. The underground tank is emptied at least once every 12 months. Some customers will collect their turnings after this process and therefore the product is bagged directly from the feed conveyor and stored within the finished product area of the yard.

De-Oiling of Turnings

Titanium turnings are mechanically fed into a gas fired rotary drier to burn off the oil residue. The feed conveyor is controlled by the operator in order to regulate the flow of turnings into the drier. The temperature of the drier can be from 500 °C - 650 °C, dependent on the condition of the turnings. The rotary drier is fitted with an afterburner operated at 850°C with a minimum residence time of 2 seconds within the high temperature zone. All emissions from the degreasing process are extracted via ducting to a Glosfume HTMC 1(400) ceramic filter before being exhausted to the external air. Emissions from the ceramic filter are continuously indicatively monitored and continuously recorded using a PCME DT990 monitoring instrument to monitor the performance of abatement plant. The indicative monitor has a built in data logger to automatically record the emissions and alarm events. Dust from the filter unit drops to a collection bin. The level of dust within the bin is checked regularly and is emptied as and when required.

The Permit covers the receipt, handling and storage of raw materials and the storage, handling and despatch of wastes within the installation boundary.

CONDITIONS OF PERMIT

The following conditions shall be complied with immediately unless otherwise stated.

Section 1 - Upgrading

- 1.1 There are no upgrading requirements.

Section 2 - Plant and Equipment

- 2.1 Permitted activities shall only be carried out using the plant and equipment as detailed in the installation description and on the Installation Layout reproduced in Schedule 2 of this Permit.

Section 3 - Emission Limits and Controls

- 3.1 All emissions to air, other than steam or condensed water vapour shall be free from droplets and from persistent mist and persistent fume.
- 3.2 Emissions from combustion processes shall in normal operation be free from visible smoke. During start up and shut down the emissions shall not exceed the equivalent of Ringelmann Shade 1 as described in British Standard BS2742:2009.
- 3.3 The number of start ups and shut downs shall be kept to a minimum that is reasonably practicable.
- 3.4 The Operator shall take all appropriate precautions to minimise emissions during start up and shut down.
- 3.5 There shall be no offensive odour detectable beyond the site boundary, as perceived by authorised officers of Sheffield City Council's Environmental Protection Service.
- 3.6 There shall be no burning of materials, including waste, in the open air, inside buildings or in any form of incinerator in connection with the activities within the installation boundary, without permission in writing from Sheffield City Council's Environmental Protection Service.
- 3.7 In the keeping of records, all pollutant concentrations shall be expressed at reference conditions 273K, 101.3Kpa, oxygen and water references shall be that which correspondence to the normal operating conditions in the process concerned

- 3.8 The following emission concentration limits shall apply to releases from the metal decontamination process and shall not be exceeded.

Pollutant	Concentration
Total particulate matter	20mg/m ³
Organic compounds excluding particulate matter	20mg/m ³
Chloride emissions excluding particulate matter	10mg/m ³

Emissions shall be tested at least once in every twelve month period to demonstrate compliance with these limits.

- 3.9 Emissions shall be continuously monitored using PCME DT990 monitoring instrument to ensure that the total particulate matter emission limit is not breached. The PCME DT990 particulate monitor shall be connected to an audible and visual alarm system that activates when emissions of total particulate matter reach a reference level of 75% of the emissions limit, e.g. 15mg/m³
- 3.10 The introduction of dilution air into duct systems in order to comply with emission limits shall not be permitted.
- 3.11 Where the results of any non-continuous monitoring exceed the emission concentration limit, the Operator shall inform Sheffield City Council's Environmental Protection Service no later than 10:00 hours the following working day after receipt of the results of the emissions testing.

Section 4 - Monitoring, Sampling and Measurement of Emissions

- 4.1 The Operator shall ensure that a visual assessment of fugitive fume and dust emissions from the site is carried out at least once a day when the degreaser is in use. The duration of the assessment shall be for a minimum of one minute. The visual assessments shall be undertaken within the site as shown on Schedule 2. All results of observations shall be recorded in the log book kept in accordance with condition 4.4.
- 4.2 In order to ensure compliance with Condition 3.5, an odour assessment at the boundary shall be undertaken at least once per day/shift, by the operator when the process is operational. The check shall be undertaken as a complete boundary check as far as is practicable. The time and results of these checks shall be recorded within the log book as required by condition 4.4. If an odour is detected corrective action shall be taken without delay and the regulator shall be informed.

- 4.3 The Operator shall ensure that adverse results from the assessments carried out in accordance with Permit conditions are investigated immediately to identify the cause of the emission and allow the appropriate corrective action to be taken. The corrective action taken shall be recorded in the log book kept in accordance with condition 4.4.
- 4.4 The Operator shall ensure that a log book containing the details and results of all visual assessments and records of all inspections and observations made in accordance with conditions 4.1, 4.2 5.1, 5.3, 5.4, 7.1 and 10.1 is kept. These records shall include the time and date of inspection, the nature, colour, persistency and intensity of any emission and the name of the person carrying out the assessment. The log book shall be kept on the premises and made available for inspection by authorised officers of Sheffield City Council's Environmental Protection Service. Such records shall be kept for a minimum of two years and shall be furnished in writing to Sheffield City Council on demand.
- 4.5 In any case of abnormal emissions the Operator shall:
- Identify the cause of the emissions and take corrective action immediately;
 - adjust the process or activity to minimise the emissions;
 - record details of the incident describing the nature and extent of the problems and the remedial actions taken in the log book.
- 4.6 The Operator shall inform Sheffield City Council's Environmental Protection Service within one day in cases where:
- an emission is likely to have an effect on neighbouring premises;
or
 - there is a failure of any arrestment plant.

The report to Sheffield City Council's Environmental Protection Service shall include:

- the date and time of the incident;
 - the cause and nature of the incident;
 - details of any abnormal emissions;
 - remedial action taken.
- 4.7 Prior to any non-continuous monitoring being carried out, the Operator shall ensure that monitoring protocols are submitted to the Environmental Protection Service for approval. The monitoring protocols shall include the proposed date and time of the testing, the method to be used and the pollutants to be monitored. The Environmental Protection Service at Sheffield City Council shall be informed at least 7 days prior to the intention to carry out periodic monitoring.

- 4.8 For batch processes, where the production operation is completed over for example, 2 hours, the extractive sampling shall take place over a complete cycle of activity.
- 4.9 For continuous processes, or batch processes where the cycle is not compatible with the time available for sampling, the data required shall be obtained over a minimum period of 2 hours in total.
- 4.10 Monitoring shall be carried out in accordance with methods described in M1 "Sampling requirements for monitoring stack emissions to air from industrial installations"¹ and M2 "Monitoring of stack emissions to air"², or by another method agreed in writing by Sheffield City Council's Environmental Protection Service.

BSI, ISBN: 0580 40809 4 Determination of mass concentration of particulate matter at low concentrations. Manual gravimetric method.

² BSI, ISBN: 0580 38920 0 Determination of low range mass concentration of dust. Manual gravimetric method.

- 4.11 Non-continuous emissions monitoring of particulate matter shall be carried out in accordance with the main procedural requirements of BS ISO12141:2002 or BS EN 13284:Part 1 with averages taken over operating periods excluding start up and shut down. Sampling equipment should be capable of collecting particulate matter of 0.1 microns diameter or less, with an efficiency of at least 75%.
- 4.12 Where the results of any non-continuous monitoring demonstrate a breach of the emission concentration limit, the Operator shall investigate the matter as soon as possible. The investigation shall include the following steps:
- Close down the process or plant responsible for the breach;
 - Identify the cause of the breach;
 - Carry out any necessary works or repairs to ensure compliance with the emission concentration limit;
 - Re-test the plant to demonstrate compliance with the emission concentration limit specified;
 - Submit the emissions monitoring report to Sheffield City Council's Environmental Protection Service within 7 days of receipt of the results;
 - Record details of investigation and outcomes in the log book.

- 4.13 The results of annual non-continuous monitoring tests shall be forwarded to Sheffield City Council's Environmental Protection Service, within 8 weeks of completion of the testing.

Section 5 - Continuous Indicative Monitors

- 5.1 The Operator shall ensure that the continuous indicative monitors and their associated alarms and data loggers shall be checked at least once a week to ensure sound operation. The continuous monitor readings shall be on display to appropriately trained operating staff. Details of these checks shall be recorded in the log book kept in accordance with condition 4.4.
- 5.2 The Operator shall ensure that a three monthly summary of automatically recorded alarm events from the continuous indicative monitors and data loggers are forwarded to Sheffield City Council's Environmental Protection Service. The next summary is required to be submitted by 31st December 2015.
- 5.3 The Operator shall ensure that the continuous indicative monitors and data loggers are maintained in accordance with the manufacturer's recommendations and are calibrated at least once in every 12 month period. Details of the calibration shall be recorded in the log book kept in accordance with condition 4.4 of this Permit.
- 5.4 The continuous monitoring instrument shall be annually calibrated against the isokinetic sampling results carried out in accordance with condition 3.11 and shall be operated and maintained in accordance with manufacturers recommendations. The maintenance and calibration shall be recorded in the log book kept in accordance with condition 4.4.
- 5.5 An alarm event shall be dealt with in accordance with the approved procedure detailed in Schedule 3 of the Permit.

Section 6 - Metal Decontamination Control Techniques

- 6.1 Emissions of particulate matter shall be contained, extracted and abated to meet the emission limits laid down in Condition 3.8.
- 6.2 The degreasing rotary drier plant shall not be overloaded in order to ensure that maximum efficiency is achieved and to minimise the production of smoke and other products of incomplete combustion. Appropriately trained staff will be used to operate the feed hopper to ensure that overloading of the drier does not occur.
- 6.3 Loading of the main chamber of the degreaser shall not occur until the secondary burner chamber has reached a temperature of 850°C.
- 6.4 Interlocks shall be provided to the rotary drier plant to prevent the

addition of further materials to the furnace at any time when the temperature in the secondary combustion chamber falls below 850°C.

- 6.5 The temperature of the afterburner shall be continuously measured, automatically recorded and fitted to an alarm to warn the Operator when the temperature falls below 850°C.
- 6.6 The secondary combustion chamber shall be maintained at a temperature of at least 850°C and the residence time of gases in that chamber shall be at least 2.0 seconds.
- 6.7 Metals which have been decontaminated shall not be removed from the combustion chamber until all combustible contaminants have been completely burned or until no further smoke or fume emissions are likely to arise, unless the area where the metals are held during cooling is adequately hooded and ducted to a stack via an afterburner chamber.

Section 7 - Maintenance of Abatement Plant

- 7.1 The Operator shall ensure that the ceramic filter is serviced at least once in every 12 month period to ensure sound operation. Details of the servicing or maintenance shall be recorded in the log book kept in accordance with condition 4.4.
- 7.2 The Operator shall produce a written maintenance programme detailing the frequency and type of maintenance required to be carried out. This programme shall be applicable to all plant and equipment concerned with the control of emissions to air. The maintenance programme shall be available on site for inspection by authorised officer of Sheffield City Council's Environmental Protection Service.
- 7.3 The operator shall provide a list of key arrestment plant to the regulator within 6 weeks of the date of this Permit and shall have a written procedure for dealing with its failure, in order to minimise any adverse effects.

Section 8 - Materials Handling

- 8.1 Materials likely to generate particulate matter shall be unloaded, weighed, transported and stored in such a manner that the emission of particulate matter to the air is prevented or, where not practicable, minimised and rendered harmless.
- 8.2 The Operator shall ensure that any spillage of particulate materials is cleaned up immediately by a wet method or vacuum cleaning in order to minimise particulate matter emissions to air. Dry sweeping is not permitted where it may result in the generation of airborne particulate matter to air outside any building.
- 8.3 Arrested particulate matter from the ceramic filter shall be collected

directly into a steel drum under the arrestment plant which shall be sealed before being stored prior to disposal in order to minimise emissions of particulate matter and prevent the double handling of fines.

- 8.4 The waste skip situated externally shall be covered with tarpaulin or other suitable material or shall be treated with water such that emissions of particulate matter to the air are prevented.
- 8.5 Spares and consumables subject to continual wear such as ceramic filters shall be held on site or shall be available at short notice from guaranteed suppliers.
- 8.6 All potentially dusty materials shall be stored in covered containers or under cover.
- 8.7 The handling of ash and furnace residue shall be carried out in such a way as to minimise emissions to air. The ash and furnace residue from the flues shall be cleaned at least once a week and stored in closed receptacles to ensure that emissions to air are prevented.

Section 9 - Stacks, Vents and Exhausts

- 9.1 Chimneys or process vents shall not be fitted with any restriction at the final opening, for example, a plate, cap or cowl. A cone fitted at the chimney exit to increase efflux velocity shall be permitted. The discharge shall be vertically upwards.
- 9.2 Stacks serving the degreasing rotary drier plant shall be adequately insulated to minimise cooling of waste gases and steam to prevent liquid condensation. Stacks and ductwork shall be leak proof.

Section 10 - General Conditions

- 10.1 Any emissions to atmosphere outside the normal range of the process when operating under routine operating parameters such as those caused by any failure, breakdown, malfunction bypass of arrestment equipment or plant shall be notified to Sheffield City Council's Environmental Protection Service at the earliest opportunity and in any event not later than 10:00 hours on the next working day. Activities shall be adjusted as necessary in order to minimise emissions until normal conditions can be restored. Any such occurrence shall be recorded in the log book kept in accordance with condition 4.4 of this Permit.
- 10.2 Effective preventative maintenance shall be employed on all plant and equipment concerned with the control of emissions to air. Essential spares and consumables such as replacement heavy duty bags, shall be stored on site or be readily available to rectify break downs rapidly.

- 10.3 External surfaces of the process buildings, ancillary plant and open yards and storage areas shall be inspected annually and cleaned if necessary to prevent the accumulation of dusty material in circumstances where dust may become wind entrained. Particular attention shall be paid to roofs, guttering, roadways, external storage areas and yards. Cleaning operations shall be carried out by wet sweeping methods or vacuuming in order to minimise emissions of particulate matter to air.
- 10.4 The activities shall be carried out within the installation boundary indicated by the yellow shading on the plan in Schedule 1 to this Permit.
- 10.5 The Installation layout and abatement plant shall be as indicated in Schedule 2 to this Permit.
- 10.6 The Operator shall inform Sheffield City Council's Environmental Protection Service of any proposed changes to the installation which may have an impact on the emissions to atmosphere, prior to the change occurring.
- 10.7 Staff at all levels shall receive training and instructions necessary for their duties and shall include the following:
- responsibilities under the permit;
 - minimisation of emissions at start up and shut down;
 - actions during abnormal emissions including minimisation of emissions.
- 10.8 The Operator shall keep and maintain a statement of training requirements for each operational post and keep a record of the training received by each employee whose actions may have an impact on emissions to atmosphere. These documents shall be made available to Sheffield City Council's Environmental Protection Service upon request.

10.9 The Operator shall notify the following to Sheffield City Council's Environmental Protection Service, in writing, within 14 days of their occurrence:-

- Any change in the trading name of Tipro (Yorkshire) Ltd's registered name or registered office address;
- A change to any particulars of any ultimate holding company of Tipro (Yorkshire) Ltd's (including details of an ultimate holding company where Tipro (Yorkshire) Ltd's has become a subsidiary);
- Any steps taken with a view to Tipro (Yorkshire) Ltd's going into administration, entering into a company voluntary arrangement or being wound up.

10.10 The Operator shall notify the Sheffield City Council Environmental Protection Service **without delay** of:-

- 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 that has caused, is causing or may cause significant pollution, unless the quantity emitted is so trivial that it would be incapable of causing significant pollution.
- c) The detection of any malfunction, breakdown or failure of plant or techniques which has caused, is causing or has the potential to cause significant pollution
- d) Any accident, which has caused, is causing or has the potential to cause significant air pollution.

10.11 The Operator shall give written notification to Sheffield City Council's Environmental Protection Service in the following instances;

- a) Permanent cessation of the operation of any part of, or all of the Permitted Installation;
- b) Cessation of the operation of any part of, or all of the Permitted Installation for a period, likely to exceed 1 year;
- c) Resumption of the operation of any part of, or all of the permitted installation after a cessation notified under (b) above.

- 10.12 All reports and notifications required by this Permit, or under any Regulation under the Environmental Permitting Regulations 2010, as amended, shall be sent to Sheffield City Council's Environmental Protection Service. Unless notified in writing, all reports, notifications and communications in respect of this Permit shall be sent to:

**Sheffield City Council,
Environmental Protection Service,
2-10 Carbrook Hall Road,
Sheffield
S9 2DB.**

END OF PERMIT CONDITIONS

Please Note

Where complaint is attributable to the operation of the installation and is, in the opinion of the Local Authority, justified, or if new knowledge develops on the potential for harmful effects from emissions, an immediate review of the Permit shall be undertaken. The Local Authority shall subsequently specify any new requirements and compliance time scales.

An annual subsistence fee as prescribed by the Secretary of State for the Environment shall be payable, for this Permit, by the process Operator, to this Authority within 2 weeks of the 1st April of each year.

In the event that the Permit has been issued after the 1st April in the initial year then the subsistence fee shall be pro rata for the complete months remaining and shall be due within 2 weeks of the Permit issue date.

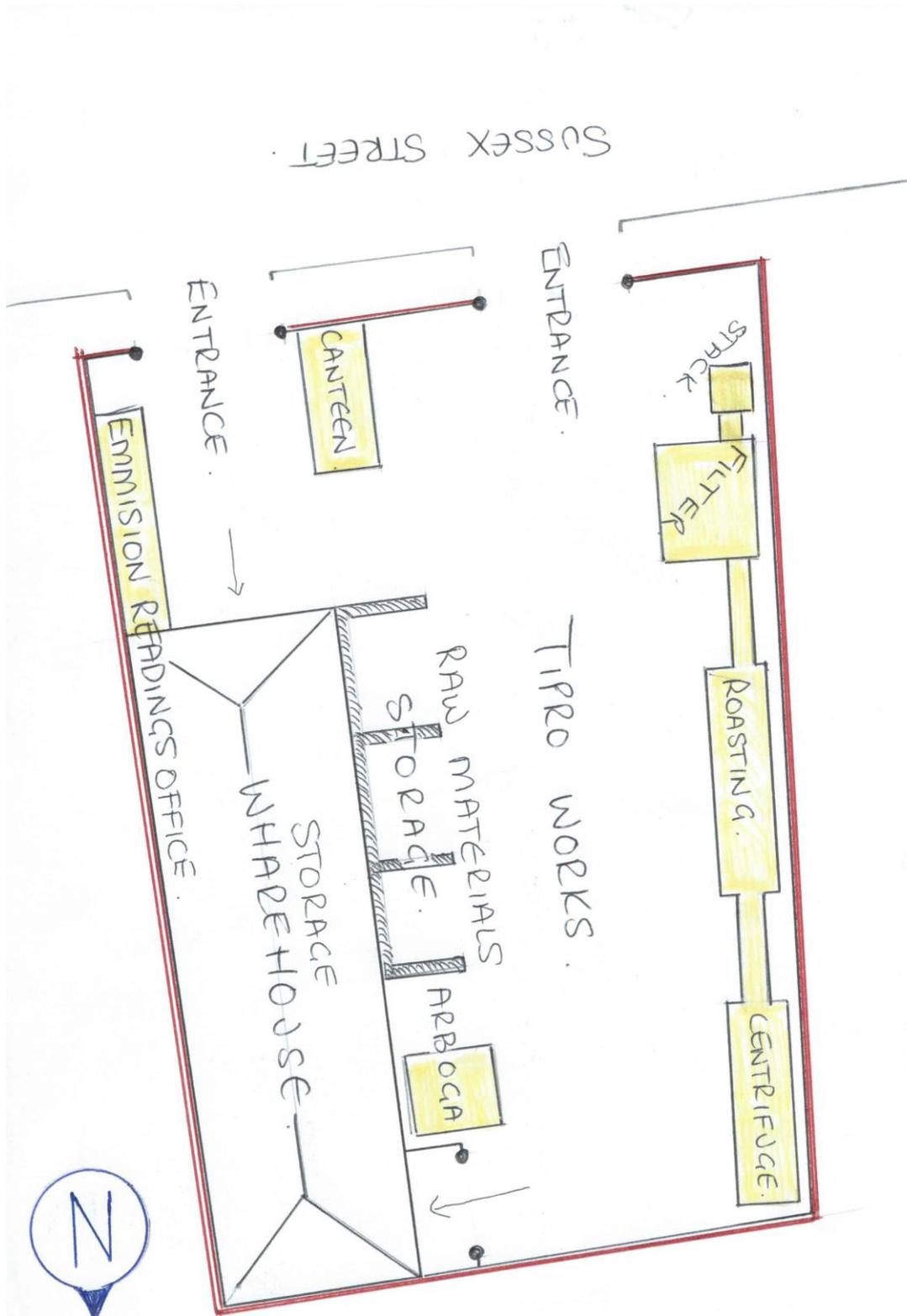
If the relevant payment is not received by Sheffield City Council's Environmental Protection Service then Permit revocation procedures shall be initiated in accordance with Section 22 of the Environmental Permitting (England & Wales) Regulations 2010 as amended or any statutory re-enactment of the same.

The requirements of this Permit are not to be taken as planning permission. Where any structural alterations are necessary to ensure compliance with this Permit then the normal planning channels should be followed.

Schedule 1 – Installation Location



Schedule 2 – Site Layout



Tipro Yorkshire Limited

Procedure in the event of of an alarm on the extraction monitoring equipment serving the rotary drier area.

1. Ensure the feed system to the drier has stopped automatically. If NOT take the necessary steps to stop the system – red stop button.
2. Isolate the feeder to the drier until the fault has been located and rectified.
3. From the alarm monitor screen, identify the cause of the alarm.
4. Investigate and identify the cause of the alarm.
5. Rectify the fault.
6. Reset the system.
7. Adjust the process to ensure the correct operation.
8. Ensure all equipment and readings are operating correctly.
9. Record the incident and remedial actions taken in the log book.

In the event of abnormal emissions

1. Identify the cause of emissions and take correct action immediately.
2. Adjust the process or activity to minimise the emissions.
3. Record details of the incident describing the nature and extent of the problems and the remedial actions taken in the log book.