MANCHESTER CITY COUNCIL

Permit with introductory note

ENVIRONMENTAL PERMITTING (ENGLAND AND WALES) REGULATIONS 2016 (As Amended)

Regalead Ltd,
Columbus House,
Altrincham Road,
Sharston,
Manchester
M22 9AF

Permit Number

PPC/01/03/AW

Introductory Note

This introductory 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 2016 ("the EP Regulations") to operate an installation carrying out one or more of the activities listed in Part 2 to Schedule 1 of those Regulations, to the extent authorised by the Permit.

The Permit includes the conditions that have to be complied with. It should be noted that aspects of the operation of the installation which are not regulated by those conditions are subject to the guidance and recommendations detailed within the Sector Guidance notes IPPC SG 4, 2006 and subsequent, and/or supporting guidance, and also the best available techniques (BAT) conclusions for the non-ferrous metals industries under Directive 2010/75/EU or subsequent requirements.

Techniques include both the technology used and the way in which the installation is designed, built, maintained, operated and decommissioned.

Brief description of the installation regulated by this Permit

Summary

The main purpose of the activity at the installation is the re-casting of lead ingots to manufacture coated and un-coated adhesive-backed lead strip.

The installation includes:

All raw material storage and handling operations.

All melting of lead ingots.

All solvent and paint coating activities and operations.

The plant has a capacity to melt approximately 850 tonnes of lead per annum.

Raw Materials

The principal raw material for the process is certificated lead ingots obtained from external suppliers and transported by road to the installation site. These are then stored in the ingot store area inside the main building prior to being manually fed into the furnace. Scrap lead that has not been coated or had adhesive tape applied and that is produced as part of the process on site may also be fed into the furnace.

Lead melting

The lead ingots and any scrap lead are melted at a temperature of 327°C into a steel, gas-fired melting pot with a capacity of 4.9 tonnes.

The furnace is served by an exhaust ventilation system operating at a flow rate of 4000m^3/hour that feeds a Torit DCE reverse jet cartridge type filter unit, with an arrestment efficiency of 99.97% at the 0.5µm particle size, minimising both particulates and gases from the process. The exhaust gases finally discharge via a 12 metre high flue.

Casting and extrusion of lead

Lead from the furnace is cast at 400°C by manually opening the valve attached to the bottom of the furnace and allowing the molten metal to run onto a continuous casting line.

Coating of lead strips

Once the lead has been formed into strips of the required dimensions it may then be coated with different coloured finishes. The coating is applied by an electrophoretic process whereby the lead strip is passed through an enclosed bath containing resin diluted with solvent. Three initial coating lines pass through Infra-Red ovens, and the powder coating line and fourth paint line use electric convection ovens to cure the product. The system is served by an extraction system operating at a flow rate of 7700m^3/hour.

Addition of adhesive backing to lead strips

Once the lead strips have been coated and cured an adhesive backing is then applied prior to the lead strip being wound onto a coil for storage purposes.

Storage and dispatch

The coiled lead strip is then stored within the warehouse area of the main building prior to being dispatched as required.

Cooling water

Cooling water within a contained system is circulated to cool the rollers of the casting line, which in turn cools the lead as it runs through the system. Sediment in the water is disposed of off-site as hazardous waste as and when necessary.

Emissions monitoring

Emissions from the flue serving the furnace are continuously monitored for levels of particulate matter by the use of a PCME meter that is located in the flue after the gases have passed through the Torit filter system.

In addition particulates and lead are measured annually from the flue serving the furnace.

Volatile organic compounds (VOCs) are measured annually in the flue serving the coating line.

Confidentiality

The permit requires the 'operator' to provide information to the Environmental Health department of the City Council ('the Council'), which it will place onto the public register in accordance with the requirements of the EP Regulations. If the 'operator' considers that any information provided is commercially confidential, it may apply to the Council to have such information withheld from the register as provided in the EP Regulations. To enable the Council to determine whether the information is commercially confidential, the 'operator' should clearly identify the information in question and should specify clear and precise reasons.

Variations to the Permit

This Permit may be varied in the future. The Status Log within the Introductory Note to any such variation will include summary details of this permit, variations issued up to that point in time and state whether a consolidated version of the Permit has been issued. If the operator proposes to make a change in operation of the installation, the operator must notify the regulator in writing at least 14 days before making the change. The notification must contain a description of the proposed change in operation. It is not necessary to make such a notification if an application to vary this permit has been made and the application contains a description of the proposed change. In this condition 'change in operation' means a change in the nature or functioning, or an extension of the installation which may have consequences for the environment.

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 only be allowed when the Council considers that the proposed holder will be the person who will have control over the installation or will ensure compliance with the conditions of the transferred Permit. If the Permit authorises the carrying out of a specified waste management activity, then there is a further requirement that the transferee is considered to be a "fit and proper person" to carry out that activity.

Surrender of the Permit

Before this permit can be wholly or partially surrendered, an application to surrender the permit must be made. In order for the applicant to be successful, they would have to be able to demonstrate to the Environmental Health department, in accordance with Regulation 25 of the EP Regulations, that there is no pollution risk and that no further steps are required to return the site to a satisfactory state.

Status log

Detail	Date	Comment
Application	Received 13/11/02	Determined as duly made 27/11/02
Request for Commercial Confidentiality	N/A	
Application Placed On Public Register	27/11/02	
Letters & copy of application sent to statutory consultees	27/11/02	
Copy of advert placed in London Gazette & Manchester Evening News	Received 29/11/02	Placed in London Gazette on 26/11/02 & Manchester Evening News on 25/11/02
Permit PPC/01/03/AW	Determined 28/4/03	Permit issued 30/4/03
Permit review	25/10/12	EP Regulations 2010
Permit review	23/01/20	EP Regulations 2016 Amendments and updates to Permit including best available techniques (BAT) conclusions, under Directive 2010/75/EU

End of introductory note

MANCHESTER
CITY COUNCIL

PERMIT

Environmental Permitting Regulations 2016

Manchester City Council
Environmental Protection
Neighbourhoods Directorate
1 Hammerstone Road
Manchester M18 8EQ

Permit Number

PPC/01/03/AW

The Environmental Protection team, Compliance & Enforcement service at Manchester City Council in exercise of its powers under Regulation 13 of the Environmental Permitting (England and Wales) Regulations 2016, SI No. 1154, hereby permits;

Regalead Ltd "The Operator"

Whose Registered Office is:-

Regalead Ltd, Columbus House, Altrincham Road, Sharston, Manchester, M22 9AF

Company Registration No. 4211244

to operate an installation at;

Columbus House, Altrincham Road, Sharston, Manchester, M22 9AF

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

Signed

Dated:

2 March 2020

On behalf of, and in the name of, Fiona Worrall
Strategic Director for Neighbourhoods

Conditions

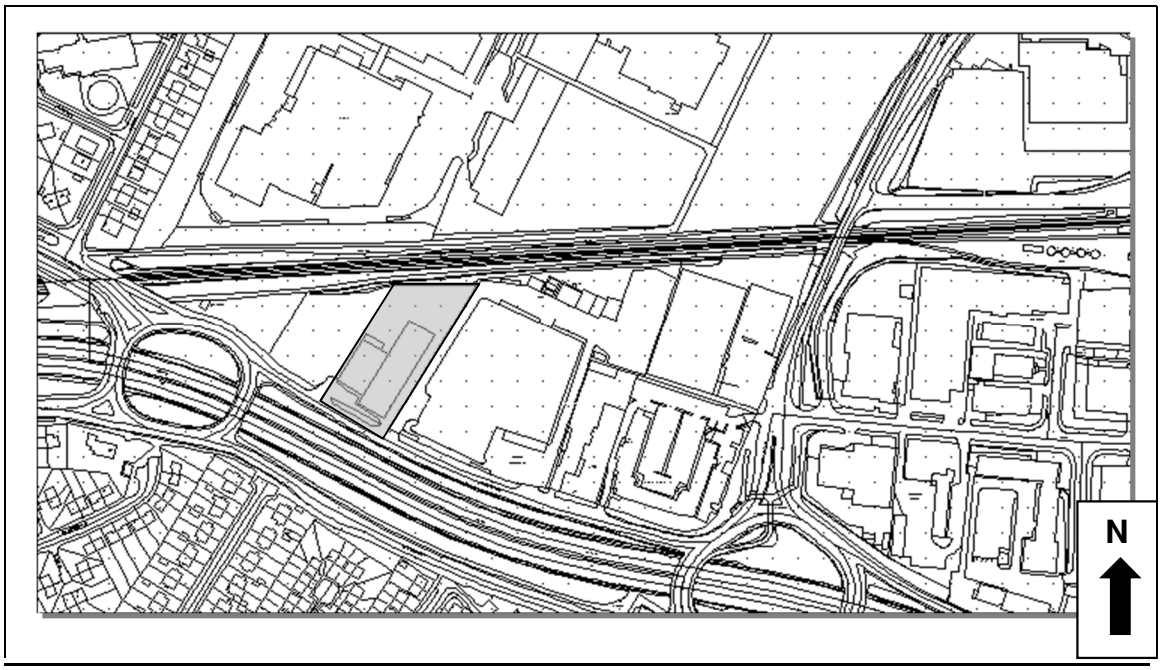
1. The Permitted Installation

1.1 The Operator is authorised to carry out the activities and/or the associated activities specified in Table 1.1

Table 1.1

Activity under Schedule 1 of The Regulations/ Associated Activity	**Description of specified activity**	**Schedule 1 activity reference (if applicable)**	**Limits of specified activity**
All raw materials storage and handling	Raw materials received from suppliers. Storage of raw Materials	Directly associated activity	
All solvent storage and handling	Storage of solvents	Directly associated activity	storage of solvents and use in coating process
Melting of Lead	Operation of furnace system	2.2A(2)a	Feeding of lead into furnace and discharge of fumes via the associated flue
Casting and extrusion of lead	Casting of molten lead and extrusion	Directly associated activity	casting of molten lead into 1metre long slabs and subsequent extrusion into lead strip
Coating of lead strips and addition of adhesive Backing	Coating of lead strip	Directly associated activity	coating of lead strip
Storage and dispatch of lead strip		Directly associated activity	

1.2 The activities authorised under condition 1.1 shall not extend beyond the Site, being the area shown highlighted on the plan below.



Map 1: Regalead Site (Highlighted) bounded by Altrincham Road (S), Sharston Road (E) and Roundwood Road (W)

"Reproduced from the Ordnance Survey map with permission of the Controller of Her Majesty's Stationery Office. Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings." Licence No. LA076236

1.3 There are no pre-operation conditions.

2 Operational Matters

2.1 Management techniques and control

2.1.1 The Permitted Installation shall, subject to the conditions of this Permit, be managed and controlled as described in the documentation specified in Table 2.1.1, or as otherwise agreed in writing by the Environmental Health department.

Table 2.1.1 : Management and control

Description	Parts	Date received
Application	The response to question B3.1 &Section 3.1 of Environmental Impact Improvement Plan IPPC/IP/02	13/11/02
HaskoningDHV UK Ltd Phase 1 Site Condition Report Ref: PB9690-RHD-ZZ-XX-RP-Z-0002 Date: 31 October 2019	-	23/01/20
HaskoningDHV UK Ltd Review of Non-Ferrous Metals Sector Best Available Techniques Requirements Ref: PB9690-RHD-ZZ-XX-RP-Z-0001 Date: 23 January 2020	-	23/01/20

2.1.2 All plant and equipment used in operating the Permitted Installation shall be maintained in good operating condition.

2.1.3 A documented preventative maintenance schedule shall be implemented covering all plant whose failure could lead to an adverse impact on the environment, including major 'non-productive' items such as tanks, pipework, retaining walls, ducts and filters.

2.1.4 There shall be records kept to show how and when the preventative maintenance procedures are reviewed and annually updated.

2.1.5 A copy of this Permit and those parts of the application referred to in this Permit shall be available, at all times, for reference by all staff carrying out work subject to the requirements of the Permit.

2.1.6 All staff shall be fully conversant with those aspects of the Permit conditions, which are relevant to their duties and shall be provided with appropriate training and written operating instructions to enable them to carry out their duties.

2.1.7 Essential spares and consumables shall be kept on site or be available at short notice from suppliers, in order to rectify breakdowns without delay.

2.1.8 Records shall be kept of all breakdowns so that the Operator can eliminate any common plant failures.

2.1.9 All staff shall be made aware of the regulatory implications of this Permit and the procedures for dealing with a breach of any of the conditions attached to it. Staff shall also be made aware of all potential environmental effects of the operation of the Installation under both normal and abnormal circumstances.

2.1.10 The skills and competencies necessary to carry out key posts shall be documented and records of training received by the holders of these posts shall also be documented and updated on an annual basis.

2.1.11 The potential environmental risks posed by the work of any contractors that may visit the site shall be assessed and working procedures shall be provided to these contractors to ensure that they do not cause any adverse environmental impact while working on site.

2.1.12 Minutes of Environmental Review Meetings shall be submitted to the Environmental Health department on an annual basis.

2.2 Raw materials (including water)

2.2.1 The Operator shall, subject to the conditions of this Permit, use raw materials (including water) as described in the documentation specified in Table 2.2.1, or as otherwise agreed in writing by the Environmental Health department.

Table 2.2.1: Raw materials (including water)

Description	Parts	Date Received
Application	The response to question B3.2 1 & Section 4.1 of Environmental Impact Improvement Plan IPPC/IP/02	13/11/02
HaskoningDHV UK Ltd Review of Non-Ferrous Metals Sector Best Available Techniques Requirements Ref: PB9690-RHD-ZZ-XX-RP-Z-0001 Date: 23 January 2020	-	23/01/20

2.2.2 All lead ingots melted at the Permitted Installation shall comply with the impurities composition specified in Table 2.2.2

Table 2.2.2: Impurities composition of lead ingots

Element	Maximum specified content by weight (%)
Antimony (Sb)	<1
Arsenic (As)	<1
Tin (Sn)	<1

Selenium (Se)	<1
Calcium (Ca)	<1
Copper (Cu)	<1
Aluminium (Al)	<1

2.2.3 If the composition of the lead ingots is altered in any way this shall be agreed in writing with the Environmental Health department prior to its use.

2.2.4 The Operator shall maintain records of all lead ingot impurity reports that are provided by the supplier for each batch of lead ingots delivered to the site.

2.2.5 The materials detailed in Table 2.2.5 shall be stored in the location and manner specified in that table.

Table 2.2.5: Storage of raw materials

Material	**Location of Storage on site**	**Description of Storage on site**	**Storage Conditions**
Lead	Production Bay adjacent to furnace	Stacked on pallets	As ingots
Coating material	Production Bay adjacent to coating lines	On drip collection trays	Sealed containers
Solvent	Production Bay adjacent to coating lines	On drip collection trays	Sealed containers

2.2.6 The delivery, handling, transport and storage of odorous or corrosive materials associated with the process shall be carried out in such a manner so as to prevent releases into the environment.

2.2.7 The Operator shall carry out an annual review of all raw materials used at the installation to determine any viable alternatives that have a reduced environmental impact.

2.3 Operating Techniques

2.3.1 The Permitted Installation shall, subject to the conditions of this Permit, be operated using the techniques and in the manner described in the documentation specified in Table 2.3.1, or as otherwise agreed in writing with the Environmental Health department.

Table 2.3.1: Operating techniques		
Description	**Parts**	**Date Received**
Application	The response to question 3.4 & Section 5.1 of Environmental Impact Improvement Plan IPPC/IP/02	13/11/02
HaskoningDHV UK Ltd Review of Non-Ferrous Metals Sector Best Available Techniques Requirements Ref: PB9690-RHD-ZZ-XX-RP-Z-0001 Date: 23 January 2020	-	23/01/20

2.3.2 In the case of continuous emission monitor(s) being out of service for more than 24 hours the Operator shall make arrangements for alternative methods of measurement, these are to be made in agreement with the Environmental Health department.

2.3.3 The Operator shall conduct an olfactory assessment at the site boundary at least twice per day, once in the morning and once in the afternoon, and there shall be no offensive odour beyond the site boundary, as perceived by the Council regulator. Records of the operator's assessments shall be maintained on site.

2.3.4 The Operator shall conduct hourly inspections of Torit DCE Filter unit for 'pass/fail' indicator and appropriate action taken as required.

2.3.5 In the case of abnormal operations the Operator shall cease melting lead in the furnace as soon as practicable until normal operation can be restored, where:

a continuous measurement(s) exceed emission limit value(s) in Tables 6.1.3 or 6.1.4; or

b continuous emission monitor(s) is (are) out of service

2.4 Waste handling and storage

2.4.1 The Operator shall, subject to the conditions of this Permit, handle and store waste as described in the document specified in Table 2.4.1, or as otherwise agreed in writing by the Environmental Health department.

Table 2.4.1: Waste handling and storage		
Description	**Parts**	**Date Received**
Application	The response to questions B1.2 & B3.7 and section 7.1 Environmental Impact Improvement Plan IPPC/IP/1	13/11/02
HaskoningDHV UK Ltd Review of Non-Ferrous Metals		

Sector Best Available Techniques Requirements Ref: PB9690-RHD-ZZ-XX-RP-Z-0001 Date: 23 January 2020	-	23/01/20

2.4.2 Waste materials specified in Table 2.4.2 shall only be stored on the site in the location and manner specified in that Table.

Table 2.4.2: Waste stored on site

Description of Waste	**Source of waste**	**Location and storage conditions on site**
Lead dross And dust	Melting of lead in furnace and dust from Torit Filter system	Production bay: covered steel drums
Permeate	Coating line	Held in 1000 litre IBCs
Paper/card/ Packaging	Outside to rear of main building	18 cubic metre skip: covered
Wood	Outside to rear of main building	12 cubic metre skip
General waste	Outside to Rear of main Building	26 cubic metre skip
Scrap lead strip	Production bay Adjacent to Coating line	On wooden pallets

2.4.3 A system of recording the quantity of each category of waste generated will be implemented. Such records will also specify the nature, origin and disposal method for each waste stream.

2.4.4 The Operator shall ensure that all waste storage areas shall be clearly marked and signed.

2.4.5 The Operator shall ensure that all containers are stored with lids, caps and valves secured and in place even when containers are empty.

2.4.6 Procedures shall be put in place to deal with damaged or leaking containers.

2.5 Waste recovery and disposal

2.5.1 The Operator shall, subject to the conditions of this Permit, recover and dispose of waste as described in the documentation specified in Table 2.5.1, or as otherwise agreed in writing by the Environmental Health department.

Table 2.5.1: Waste recovery and disposal		
Description	**Parts**	**Date Received**
Application	The response to question B3.7 & Section 7.1 of the Environmental Impact Improvement Plan	13/11/02
HaskoningDHV UK Ltd Review of Non-Ferrous Metals Sector Best Available Techniques Requirements Ref: PB9690-RHD-ZZ-XX-RP-Z-0001 Date: 23 January 2020	-	23/01/20

2.5.2 The Operator shall carry out an annual review to demonstrate that the best environmental options are being used for dealing with all waste from the installation. This will be in the form of a waste minimisation audit and will include process mapping, raw materials mass balance and any proposed action plans.

2.6 Energy efficiency

2.6.1 The Operator shall, subject to the conditions of this Permit, use energy as described in the documentation specified in Table 2.6.1, or as otherwise agreed in writing by the Environmental Health department.

Table 2.6.1: Energy efficiency		
Description	**Parts**	**Date Received**
Application	The response to question B3.3 & Section 8.1 of the Environmental Impact Improvement Plan	13/11/02
HaskoningDHV UK Ltd Review of Non-Ferrous Metals Sector Best Available Techniques Requirements Ref: PB9690-RHD-ZZ-XX-RP-Z-0001 Date: 23 January 2020	-	23/01/20

2.6.2 The Operator shall produce an annual energy management plan including a review of the energy supplier to determine any viable alternatives that may have a reduced environmental impact.

2.6.3 The Operator shall monitor energy flows at the site and target areas for reduction on an annual basis.

2.6.4 The Operator shall ensure that all appropriate containment methods such as seals and self-closing doors are employed and maintained to minimise energy loss.

2.7 Accident prevention and control

2.7.1 The Operator shall, subject to the conditions of this Permit, prevent and limit the consequences of accidents as described in the documentation specified in Table 2.7.1, or as otherwise agreed in writing by the Environmental Health department.

Table 2.7.1: Accident prevention and control

Description	Parts	Date Received
Application	The response to question B3.9 & Section 9.1 of the Environmental Impact Improvement Plan	13/11/02
HaskoningDHV UK Ltd Review of Non-Ferrous Metals Sector Best Available Techniques Requirements Ref: PB9690-RHD-ZZ-XX-RP-Z-0001 Date: 23 January 2020	-	23/01/20

2.7.2 The Operator shall implement a written procedure for the investigation of incidents and near misses, including the identification of suitable corrective action.

2.7.3 The Operator shall maintain an accident management plan, which identifies potential events or failures that might lead to an environmental impact. The plan shall identify the actions to be taken to minimise and limit the consequences of such occurrences.

2.7.4 In the case of an abnormal emission arising from an accident the Operator shall investigate immediately and undertake remedial action as soon as practicable.

2.8 Noise and vibration

2.8.1 The Operator shall, subject to the conditions of this Permit, control noise and vibration as described in the documentation specified in Table 2.8.1, or as otherwise agreed in writing by the Environmental Health department.

Table 2.8.1: Noise and vibration

Description	Parts	Date Received
Application	The response to question B3.10 & Environmental Noise survey Ref gmbmsb 2351 June 2002	13/11/02
HaskoningDHV UK Ltd Review of Non-Ferrous Metals Sector Best Available Techniques Requirements Ref: PB9690-RHD-ZZ-XX-RP-Z-0001 Date: 23 January 2020	-	23/01/20

2.8.2 The Operator shall employ good practice measures for the control of noise at the site. This will include the identification of key plant and equipment with the potential to give rise to noise nuisance and how preventative measures will be implemented to ensure such situations do not arise.

2.9 Monitoring

2.9.1 The Operator shall, subject to the conditions of this Permit, carry out, evaluate and assess monitoring as described in the documentation specified in Table 2.9.1, or as otherwise agreed in writing by the Environmental Health department.

Table 2.9.1: Monitoring

Description	Parts	Date Received
Application	The response to question B3.11 & Section 10.1 of the Environmental Impact Improvement Plan IPPC/IP/02	13/11/02
HaskoningDHV UK Ltd Review of Non-Ferrous Metals Sector Best Available Techniques Requirements Ref: PB9690-RHD-ZZ-XX-RP-Z-0001 Date: 23 January 2020	-	23/01/20

2.9.2 The Operator shall notify the Environmental Health department at least 14 days in advance of any proposed monitoring/periodic sampling. The consultants shall provide a protocol detailing the monitoring to be undertaken.

2.9.3 The Operator shall provide:

a safe and permanent means of access to enable sampling/monitoring to be carried out in relation to the emission points specified in Schedule 2, unless otherwise specified in that Schedule and

b safe means of access to other sampling/monitoring points when required by the Environmental Health department

2.9.4 Sampling ports shall comply with the requirements of relevant UK standards.

2.9.5 The Operator shall ensure that their monitoring arrangements comply with the requirements of Monitoring Certification Scheme (MCERTS) where available.

2.9.6 All continuous monitoring instruments shall be fitted with audible and visual alarms, situated appropriately to warn the operating staff of arrestment plant failure or malfunction.

2.9.7 Any activation of alarms shall be recorded.

2.9.8 All continuous monitors shall be operated, maintained and calibrated annually. Such information shall be recorded and made available for inspection.

2.9.9 All continuous monitoring equipment shall be designed for less than 5% downtime over any 3-month period.

2.9.10 Daily periodic visual assessment of releases from the installation shall be undertaken to ascertain whether final releases to atmosphere are colourless, free from persistent visible emissions and free from droplets. The Operator shall conduct the assessment at least twice per day, once in the morning and once in the afternoon. Records of these assessments shall be maintained on site.

2.10 Decommissioning

2.10.1 The Operator shall, subject to the conditions of this Permit, make provision for decommissioning the installation as described in the documentation specified in Table 2.10.1, or as otherwise agreed in writing by the Environmental Health department.

Table 2.10.1: Decommissioning

Description	Parts	Date Received
Application	The response to question B3.12	13/11/02
HaskoningDHV UK Ltd Review of Non-Ferrous Metals Sector Best Available Techniques Requirements Ref: PB9690-RHD-ZZ-XX-RP-Z-0001 Date: 23 January 2020	-	23/01/20

2.10.2 A site closure plan shall be maintained such that, upon definitive cessation of activities, the installation can be decommissioned safely and that pollution risks from the site are minimised.

2.11 Multi-operator installations

2.11.1 This is not a multi-operator installation.

3 Records

3.1 A record (a "Specified Record") shall be made of: -

a any malfunction, breakdown or failure of plant, equipment or techniques (including down time and any short term and long term remedial measures) that may have, has had or might have had an effect on the environmental performance of the Permitted Installation. These records shall be kept in a log maintained for that purpose;

b all monitoring and sampling taken or carried out any assessment or evaluation made.

3.2 There shall be made available for inspection by the Environmental Health department at any reasonable time:

a Specified Records;

b any other records made by the Operator in relation to the operation of the Permitted Installation ("Other Records")

3.3 A copy of any Specified or Other Records shall be supplied to the Environmental Health department on demand and without charge.

3.4 Specified Records and Other Records shall: -

a be legible;

b be made as soon as reasonably practicable; and

c indicate any amendments that have been made and shall include the original record wherever possible.

3.5 Specified Records and Other Records shall be retained for a minimum period of 4 years from the date when the records were made.

3.6 For all waste received at or produced from the Permitted Installation, the Operator shall record (and shall retain such records for a minimum of 4 years)

a its composition, or as appropriate, description;

b the best estimate of the quantity produced;

c its disposal routes; and

d the best estimate of the quantity sent for recovery.

3.7 A record shall be made at the permitted Installation of any complaints concerning the Installation's effect or alleged effect on the environment. The record shall give the date of complaint, a summary of any investigation and the

result of such investigation. Such records shall be made in a log kept for this purpose.

4 Reporting

4.1 All reports and notifications required by this Permit, or by Regulation 10 of the EP Regulations, shall be sent to the Environmental Health department at the address notified in writing to the Operator by the Environmental Health department.

4.2 The Operator shall report the parameters listed in Tables 6.1.3, 6.1.4 and 6.3.1 as follows:

a in respect of the emission points specified;

b sending the report to the Environmental Health department within 28 days of the end of the reporting period

4.3 Fugitive emissions shall be reviewed on an annual basis and a summary report of this review shall be prepared detailing such releases and the measures taken to reduce them.

5 Notifications

5.1 The Operator shall notify the Environmental Health department **without delay and, as a minimum, within 24 hours** of:

a the detection of an emission of any substance which exceeds any limit or criteria in this Permit specified in relation to that substance;

b the detection of any fugitive emission which has caused or may cause pollution unless the quantity emitted is so trivial that it would be incapable of causing pollution;

c the detection of any malfunction, breakdown or failure of plant or techniques which has caused or may have the potential to cause pollution; and

d any accident which has caused or may have the potential to cause pollution.

5.3 The Operator shall give written notification as soon as practicable, of any of the following:-

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; and

c resumption of the operation of any part of or all of the Permitted Installation after a cessation notified under 5.3(b).

5.4 The Operator shall notify the following matters to the Environmental Health department, in writing, within 14 days of their occurrence:-

a any change in the Operator's trading name, registered name or registered office address;

b a change to any particulars of the Operator's ultimate holding company (including details of an ultimate holding company where the Operator has become a subsidiary);

c any steps taken with a view to the Operator going into administration or entering into a company voluntary arrangement.

6 Emissions

6.1 Emissions to air

6.1.1 Emissions to air from the emission point(s) specified in Table 6.1.1 shall only arise from the source(s) specified in that Table.

Table 6.1.1: Emission points into air

Emission point Reference/description	Source	Location of emission point
A1	Lead Furnace	Flue attached to the Torit filtration system exiting via the roof to the rear of the production bay
A2	Coating Lines	Flue attached to the redundant carbon adsorption unit located at the rear of the production bay

6.1.2 The limits for emissions to air for the parameter(s) and emission point(s) set out in Tables 6.1.3 and 6.1.4 shall not be exceeded.

6.1.3 The Operator shall carry out monitoring of the parameters listed in Table 6.1.3 from the emission point and at least at the frequencies specified in that Table.

Table 6.1.3: Emission limits into air		
Parameters	**Emission Point A1** **Limit**	**Frequency**
Lead	1mg/m^3	Annual periodic monitoring
Particulates	5mg/m^3	Annual periodic monitoring

6.1.4 The Operator shall carry out monitoring of the parameters listed in Table 6.1.4, from the emission point and at least at the frequencies specified in that Table.

Table 6.1.4: Emission limits into air		
Parameters	**Emission Point A2** **Limit**	**Frequency**
VOCs as Total Organic Carbon (TOC)	30mg/m^3	Annual periodic monitoring

6.1.5 The following notes apply to Tables 6.1.3 and 6.1.4:

Note:
1. Periodic monitoring to be used to check CEM calibration.
2. Metals include both gaseous, vapour and solid phases as well as their compounds (expressed as the metal or total as specified).
3. Reference measurement monitoring techniques shall be in accordance with the conditions and tables in section 2.9 and 6.1 of this Permit.
4. The limits apply as a daily average or as an average over the sampling period.

6.1.6 The Operator shall undertake continuous indicative measurement of levels of particulates from emission point A1.

6.1.7 The continuous indicative monitor referred to in 6.1.6 above shall be alarmed to trigger when particulates reach 75% of the emission limit given in Table 6.1.3.

6.1.8 Methods to calibrate automated, continuous, measurement systems shall comply with current UK standards. The reference measurements used shall be agreed in writing with the Environmental Health department. The results of the assessment shall be submitted, to the Environmental Health department in writing, within one month of the completion of the assessment.

6.2 Emissions to land

6.2.2 There shall be no emissions to land in the Permitted Installation.

6.2.3 The Operator shall notify the Environmental Health department, as soon as practicable, of any information concerning the state of the Site which affects or updates that provided to the Environmental Health department as part of the Site Report submitted with the application for this Permit or any subsequent updates of that report.

7 Interpretation

7.1 In this Permit, the following expressions shall have the following meanings:

"Daily"
means a 24 hour period commencing at 00.00 hours

"Fugitive emission"
means an emission from any point other than those specified in the Tables in part 6 of this Permit

"Incident"
Means an accident or occurrence that will give rise to an adverse environmental impact

"Monitoring"
includes the taking and analysis of samples, instrumental measurements (periodic and continual), calibrations, examinations, test and surveys

"Permitted Installation"
means the activities and the limits to those activities described in Table 1.1.1 of this Permit

"EP Regulations"
means the Environmental Permitting (England and Wales) Regulations 2016 (As Amended) (SI No. 1154) and words and expressions defined in the EP Regulations shall have the same meanings when used in this Permit

"Release Point"
followed by the letter A or W means a point shown on a map or plan forming part of the Application for the release from the Permitted Installation into the air or into the sewer

"Staff"
includes employees, directors or other officers of the Operator, and any other person under the Operator's direct or indirect control, including contractors

"Year"
means calendar year ending 31 December

7.2 Where a minimum limit is set for any emission parameter, references to exceeding the limit shall mean that the parameter shall not be less that that limit.

7.3 Unless otherwise stated, any references in this Permit to concentrations of substances in emissions into air means in relation to emission limits, the

concentration in dry gas at a temperature of 273K, at a pressure of 101.3kPa and with an oxygen concentration of 10%.

8 Written agreement to changes

8.1 When the qualification "or as otherwise agreed in writing" is used in a condition of this Permit, the Operator shall seek such agreement in the following manner:

a the Operator shall give the Environmental Health department written notice of the details of the proposed change, indicating the relevant part(s) of this Permit; and

b such notice shall include an assessment of the possible effects of the proposed change (including waste production) on risks to the environment from the Permitted Installation.

8.2 Any change proposed according to condition 8.1 and agreed in writing by the Environmental Health department shall not be implemented until the Operator has given the Environmental Health department prior written notice of the implementation date for the change. As from that date, the Operator shall operate the Permitted Installation in accordance with that change, and any relevant documentation referred to in this Permit shall be deemed as amended.

Appeal Against Permit Conditions

Anyone who is aggrieved by the conditions attached to a Permit can appeal to the Secretary of State for Environment, Food and Rural Affairs. Written appeals must be sent to the Secretary of State's delegate (the Planning Inspectorate) no later than six months from the date of issue of the Permit to the following address:

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

The letter of appeal must include the following:

- A statement of the grounds of appeal;
- A statement indicating whether the appellant wishes the appeal to be dealt with by written representations or at a hearing;
- A copy of the relevant application;
- A copy of any relevant Permit;
- A copy of any relevant correspondence between the appellant and the and the regulator

At the same time, a copy of the appeal document including the first two items above must be sent to the Council at the following address:

Manchester City Council
Environmental Protection
Neighbourhoods Directorate
1 Hammerstone Road
Manchester M18 8EQ

Contact Officer:	Rebecca Twigg-Purcell
Telephone Number:	0161 234 5004
e-mail	*r.twigg@manchester.gov.uk*

Note:

An appeal will not suspend the conditions of the Permit from coming into effect.

In determining the appeal the Secretary of State, or the Planning Inspector, may direct the Local Authority to vary, remove or add conditions to the Permit and not solely make comment on those conditions that are the subject of the appeal itself.