CANNOCK CHASE DISTRICT COUNCIL

THE ENVIRONMENTAL PERMITTING (ENGLAND AND WALES) REGULATIONS 2016

PERMIT TO OPERATE NON-FERROUS METALS INSTALLATION

PERMIT REFERENCE NO. EPR 2/20 3/25

CENTRAL MILLED LEAD LIMITED
THE LEAD MILL
ROLLING MILL ROAD
NORTON CANES
STAFFORDSHIRE
WS11 3UH

Issued By:

Cannock Chase District Council
Civic Centre
Beecroft Road
Cannock
Staffordshire
WS11 1BG

Tel: 01543 462621

Emergency and out of hours contact No. 01543 462621

E-mail: environmentalhealth@cannockchasedc.gov.uk

The operator should use the Local Authority emergency contact telephone number (01543 462621) for notifications required by condition 4.3.1 only.

Date: 10 March 2025

INTRODUCTORY NOTE

Brief description of the installation regulated by this permit

The installation is operated by Central Milled Lead Limited (the operator) at Rolling Mill Road, Norton Canes (National Grid Reference 401950 307540). The installation melts and works lead to produce lead sheet for the construction industry.

Raw Materials

Lead:

1. Primary (virgin) lead, manufactured to BS EN 12588:2006.
2. Secondary (scrap) lead, acquired from:

    - Merchants (pre-screened).
    - Direct from the public (screened at the point of sale by the operator).

Sand (for sandcast bed process).

Process 1 - Manufacture of Rolled Lead Sheet

Primary lead, secondary lead, and lead recovered during manufacturing is loaded into one of two furnaces for melting.

- Furnace one, consisting of a 4.9 tonnes capacity crucible, which is housed in an enclosed gas fired combustion chamber.
- Furnace two is substantially the same as furnace one.

Molten lead from the furnace is drained into a cast; dross is skimmed from the surface of the lead before it is allowed to cool. Once cool, the resulting slab is then transferred to a mill (a matched pair of electrically driven steel rollers) which works the lead to a specified thickness.

The lead sheet is transferred from the mill to a saw, where it is cut the to a specified length and width. Offcuts and sawdust are returned to the process feedstock.

Process 2 - Manufacture of Sandcast Lead Sheet

Primary lead, secondary lead and lead recovered from later stages of manufacturing is loaded into furnace three, consisting of a 1 tonne capacity crucible which is housed in an enclosed gas fired combustion chamber, for melting.

Molten lead is poured into a heated header tank where it is skimmed to remove dross in preparation for casting.

The casting table is rectangular, and has rails along the long edges and the short edge next to the header tank; the opposite short edge has no rail. The table is prepared with a bed of sand, which is levelled and smoothed by hand.

Molten lead is cast onto the casting table and spread to form a sheet. Lead spills over the open end of the table, where it is caught by a trough - this is returned to the process feedstock.

The lead sheet is allowed to cool; it is then cut by hand to a specified length and width. Offcuts are returned to the process feedstock.

Waste

1. Dross, which has been skimmed from the surface of molten lead.
2. Dust from installation floor sweepings, which contains lead and sand.

Emissions

Lead is melted in enclosed furnace crucibles; fumes are captured by an extraction system. The fumes pass through a ceramic filter before ventilation to atmosphere (via Emission Point A1).

There are no liquid discharges from the site.

Legal basis

The Environmental Permitting (England and Wales) Regulations 2016 (the EPR) requires that a person must not operate a regulated facility, except under and to the extent authorised by an environmental permit.

Regulated facilities (installations) include those which carry out one or more of a range of activities defined in Schedule 1 of the EPR. The activity carried out at this installation is consistent with Schedule 1, Part 2, Chapter 2, Section 2.2, Part A2 of the EPR:

> *Melting, including making alloys of, non-ferrous metals, including recovered products and operating of non-ferrous metal foundries where the plant has a melting capacity of more than 4 tonnes per day for lead[…], and -*
>
> *(i) no furnace […], bath or other holding vessel used in the plant for the melting has a design holding capacity of 5 or more tonnes.*

Cannock Chase District Council (the Council), being the relevant regulator under the EPR, has issued an environmental permit to the operator of this installation; the operator must adhere to the permit conditions.

Sector and process guidance notes

The relevant sector guidance note can be downloaded from the website of the European Union.

Authors: Gianluca Cusano, Miguel Rodrigo Gonzalo, Frank Farrell, Rainer Remus, Serge Roudier, Luis Delgado Sancho; Title; Best Available Techniques (BAT) Reference Document for the main Non-Ferrous Metals Industries, EUR 28648, doi:10.2760/8224

Changes introduced by this variation

This permit includes amendments to environmental permit reference EPR 2/20 2/20.

This variation has been issued:

1. To permit the production of lead sheet by sand casting;
2. To reflect a change in site layout; and
3. To update the permit layout and formatting.

Licence Holder	Reference	Date	Notes
Central Milled Lead Limited	IPPC 1/2a(2)/02	10 April 2003	
Central Milled Lead Limited	IPPC 1/2.2a(2)/02/P1	24 February 2011	Introduction of melting scrap lead, including new emissions filtration
Central Milled Lead Limited	IPPC 1/2.2a(2)/02/P2	8 May 2013	Condition variation
Central Milled Lead Limited	IPPC 1/2.2a(2)/02/P3	6 June 2015	Introduction of an additional furnace
Central Milled Lead Limited	IPPC 1/2.2a(2)/02/P4	10 December 2018	Condition variation
Central Milled Lead Limited	EPR 2/20 2/20	1 April 2020	Condition variation to reflect update to BAT
Central Milled Lead Limited	EPR 2/20 3/25		Introduction of sandcast bed process

Contacting Cannock Chase District Council

This permit has been issued by the Council. The Operator should use the emergency contact telephone number (01543 462621) for notifications required under Condition 4.3 only.

Confidentiality

This permit requires the operator to provide information to the Council, which will be entered onto the public register in accordance with the requirements of the EPR.

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 EPR; the operator should clearly identify any information they wish to remain confidential, with justification for the request.

Variations to the permit

This permit may be varied in the future. The operator should notify the Council if any aspect of the process changes, such that the permit conditions no longer reflect the process.

Revocation of the permit

Where the operator intends to cease operation of an installation (in whole or in part), the Council should be informed in writing. The Council may revoke a permit, in whole or in part, and may require the operator to take steps -

- to avoid a pollution risk resulting from the operation of the regulated facility; or
- to return the site to a satisfactory state, having regard to the state of the site before the facility was put into operation.

Transfer of the permit or part of the permit

The operator may apply to transfer the permit (in whole or in part) to another person in accordance with Regulation 21 of the EPR. A transfer will be approved unless the Council considers that the transferee will not be the person who will have control over the operation of the installation, or that they will not ensure compliance with the permit conditions.

Interaction with other legislation

The permit conditions are designed to satisfy the requirements of the EPR only.

The operator should be aware that compliance with this permit may not satisfy the requirements of other regulations, such as those associated with the Health and Safety at Work etc. Act 1974.

Appeal against permit conditions

Anyone who is aggrieved by the conditions attached to a permit can appeal to the appropriate authority (the Secretary of State for the Environment, Food and Rural Affairs in England). Appeals must be made in accordance with the requirements of Regulation 31 and Schedule 6 of the EPR.

Appeals should be received by the Secretary of State for Environment, Food and Rural Affairs at the following address:

The Planning Inspectorate
Environment Appeals Team
3A Eagle Wing
Temple Quay House
2 The Square
Temple Quay
Bristol BS1 6PN

An appeal bought under Regulation 31(1)(b) and Schedule 6, against conditions in a permit does not suspend the effect of those conditions; the operator shall comply with those condition requirements until the appeal has been resolved.

In determining an appeal against one or more conditions, the Act allows the Secretary of State to quash any of the other conditions not subject to the appeal and to direct the local authority either to vary any of these other conditions or to add new conditions.

End of Introductory Note

NOTICE OF VARIATION AND CONSOLIDATION

Cannock Chase District Council, in exercise of its powers under Regulation 20 of the Environmental Permitting (England and Wales) Regulations 2016, varies and consolidates permit reference EPR 2/20 2/20, issued to:

Central Milled Lead Limited

Whose registered office is:

THE LEAD MILL
ROLLING MILL ROAD
NORTON CANES
STAFFORDSHIRE
WS11 3UH

Company No. 04291304

To operate an installation at:

THE LEAD MILL
ROLLING MILL ROAD
NORTON CANES
STAFFORDSHIRE
WS11 3UH

This notice shall take effect from 10 March 2025

Signed

Environmental Health Manager
The Proper Officer Designated to sign on behalf of Cannock Chase District Council

Dated 10 March 2025

PERMIT

Permit reference EPR 2/20 3/25

Cannock Chase District Council ("the Council"), in exercise of its powers under the Environmental Permitting (England and Wales) Regulations 2016, hereby permits

Central Milled Lead Limited ("the operator")

Whose registered office is:

THE LEAD MILL
ROLLING MILL ROAD
NORTON CANES
STAFFORDSHIRE
WS11 3UH

Company No. 04291304

To operate an installation at:

THE LEAD MILL
ROLLING MILL ROAD
NORTON CANES
STAFFORDSHIRE
WS11 3UH

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

Signed

Environmental Health Manager
The Proper Officer Designated to sign on behalf of Cannock Chase Council

Dated 10 March 2025

Permit Conditions

1 Management

1.1 General Management

1.1.1 The operator shall operate activities in accordance with a written management system, which shall:

(a) Identify the risks to the environment associated with the activities, including:

- The manufacturing process.
- Equipment failure.
- Accidents.
- Non-conformance with permit conditions.

(b) Assess the identified risks.

(c) Minimise and manage the identified risks.

1.1.2 The operator shall:

(a) Prepare a written structure which defines the role and responsibilities of each employee in relation to this permit.

(b) Ensure that each employee receives sufficient instruction and training to:

i. Ensure they are competent to carry out their duties.
ii. Ensure they understand their role in reducing the environmental impacts of the activities.

(c) Maintain a record of staff training.

1.1.3 Any person having duties that are, or may be affected by, matters set out in this permit shall have convenient access to a copy of the same.

1.1.4 The operator shall:

(a) Identify and record the necessary equipment to operate in compliance with this permit, including that associated with:

- Emissions abatement.
- Emissions monitoring.

(b) Develop and implement an appropriate schedule of preventative maintenance, having regard to manufacturer recommended maintenance intervals.

(c) Maintain a record of preventative maintenance.

1.2 Efficient Use of Energy

1.2.1 The operator shall:

(a) Maintain records of energy use.

(b) Operate their activity in an energy efficient manner.

(c) At least once every four years, prepare a report to identify opportunities to improve the efficient use of energy in their activity.

(d) Take any appropriate measures identified by said review.

1.3 Efficient Use of Raw Materials

1.3.1 The operator shall:

(a) Maintain records of raw materials use.

(b) Ensure that raw materials are used efficiently in their activity.

(c) At least once every four years, prepare a report to identify opportunities to:

- Improve the efficient use of raw materials; and
- Use alternative materials which could reduce the environmental impact of the activity.

(d) Take any appropriate measures identified by said review.

1.4 Avoidance, Recovery and Disposal of Waste

1.4.1 The operator shall:

(a) Maintain records of waste generated by their activities.

(b) Operate in compliance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and

(c) At least once every four years, prepare a report to identify opportunities to improve compliance with the waste hierarchy.

(d) Take any appropriate measures identified by said review.

2 Operations

2.1 Permitted Activities

2.1.1 The operator is only authorised to carry out the activities specified in Table 1.

2.2 The Site

2.2.1 The activities shall not extend beyond the site, being the land shown edged in red on the site plan at Figure 4.

2.3 Operating Techniques

2.3.1 The activities 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, unless otherwise agreed in writing by the Council.

2.3.2 If notified by the Council that their activities are giving rise to pollution, the operator shall, within a period specified by the Council:

(a) Carry out an investigation to determine the cause of and impacts from the pollution.

(b) Submit a report, which details the findings of the investigation, together with any measures that the operator proposes to take in response, to the Council for approval.

(c) Implement the measures in the approved report.

2.4 Secondary (Scrap) Lead

2.4.1 The operator shall only accept waste if:

(a) It is of a type listed in Table 4; and

(b) It conforms to the description in the documentation supplied by the producer.

2.4.2 The operator shall keep a record of the quantity, type, origin and EWC code of all waste they accept.

2.5 Process Waste

2.5.1 The operator shall ensure that all containers utilised for the storage of wastes specified in Table 5 are:

(a) Durable for the substances stored within; and

(b) Stored in a secure area in sealed containers.

2.5.2 The operator shall ensure that waste produced by their activities is sent to a relevant waste dealer, who shall be provided with the following information:

(a) The nature of the process producing the waste;

(b) The composition of the waste;

(c) How to handle the waste;

(d) The hazardous properties associated with the waste (if applicable); and

(e) The waste code.

2.5.3 The operator shall ensure that where waste produced by permitted activities is sent to a landfill site, it meets the waste acceptance criteria for that landfill.

3 Emissions and Monitoring

3.1 Emissions to Water, Air or Land

3.1.1 There shall be no point source emissions to water, air or land except from emission points listed in Table 6.

3.1.2 The limits given in Table 6 shall not be exceeded.

3.2 Emissions of Substances not Controlled by Emission Limits

3.2.1 Emissions of substances not controlled by emission limits (excluding odour) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures including, but not limited to, those specified in any approved emissions management plan, have been taken to prevent or, where that is not practicable, to minimise those emissions.

3.2.2 If notified by the Council that their activities are giving rise to pollution, the operator shall, within a period specified by the Council:

(a) Carry out an investigation to determine the cause of and impacts from the pollution.

(b) Submit a report, which details the findings of the investigation, together with any measures that the operator proposes to take in response, to the Council for approval.

(c) Implement the measures in the approved report.

3.2.3 All liquids in containers, whose emission to water or land could cause pollution, shall be provided with secondary containment, unless the operator has used other appropriate measures to prevent or, where that is not practicable, to minimise leakage and spillage from the primary container.

3.3 Odour

3.3.1 Emissions from the activities shall be free from odour likely to cause pollution outside the site, as perceived by an authorised officer of the Council, unless the operator has used appropriate measures including, but not limited to, those specified in any approved odour management plan to prevent, or where that is not practicable, to minimise, odour.

3.3.2 If notified by the Council that their activities are giving rise to pollution, the operator shall, within a period specified by the Council:

(a) Carry out an investigation to determine the cause of and impacts from the pollution.

(b) Submit a report, which details the findings of the investigation, together with any measures that the operator proposes to take in response, to the Council for approval.

(c) Implement the measures in the approved report.

3.4 Noise and Vibration

3.4.1 The activities shall be free from noise and vibration at levels likely to cause pollution outside the site, as perceived by an authorised officer of The Council, unless the operator has used appropriate measures including, but not limited to, those specified in any approved noise and vibration management plan to prevent, or where that is not practicable to minimise, the noise and vibration.

3.4.2 If notified by the Council that their activities are giving rise to pollution, the operator shall, within a period specified by the Council:

(a) Carry out an investigation to determine the cause of and impacts from the pollution.

(b) Submit a report, which details the findings of the investigation, together with any measures that the operator proposes to take in response, to the Council for approval.

(c) Implement the measures in the approved report.

3.5 MONITORING

3.5.1 The operator shall, unless otherwise agreed in writing by the Council, undertake the monitoring specified in Table 6.

3.5.2 The operator shall provide the Council with at least 7 days notice of any monitoring and/or spot sampling activities.

3.5.3 The operator shall maintain a record of all monitoring required by this permit, including the taking of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation based on such data.

3.5.4 Monitoring equipment, techniques, personnel, and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.5.1 shall have MCERTS accreditation.

3.5.5 Permanent means of access shall be provided to enable sampling/monitoring to be carried out for the emission points specified in Table 6, unless otherwise agreed in writing by the Council.

4 INFORMATION

4.1 RECORDS

4.1.1 All records required to be made by this permit shall:

(a) Be legible;

(b) Be made as soon as reasonably practicable;

(c) If amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and

(d) Be retained, unless otherwise agreed in writing by the Council, for at least 6 years from the date when the records were made; records of the following shall be retained permanently:

i. Off-site environmental effects; and
ii. Matters which affect the condition of land or groundwater.

4.1.2 The operator shall maintain a copy of all records, reviews, procedures and plans required by this permit on site, unless otherwise agreed in writing by the Council.

4.1.3 The operator shall make a copy of any report or record required by this permit available for inspection by the Council on request.

4.2 REPORTING

4.2.1 The operator shall submit reports or notifications required by the permit using contact details provided to them in writing by the Council.

4.2.2 The operator shall prepare a report on the performance of their activities during the previous calendar year. The report shall include:

(a) A review of the emissions monitoring results carried out in accordance with Table 7;

(b) Production parameters set out in Table 8.

(c) The performance parameters set out in Table 9.

The operator shall submit a copy of the report to the Council by 31 January (unless otherwise agreed in writing by the Council) each year.

4.2.3 The operator shall, within 6 months of receipt of a written notice, submit to the Council a report which assesses whether other appropriate measures could be taken to prevent, or where that is not practicable, to minimise pollution.

The operator shall not be required to produce a report more frequently than once every four years.

4.3 Notifications

4.3.1 In the event:

(a) That an incident or accident at the installation occurs which significantly affects (or may affect) the environment, the operator shall immediately:

i. Inform the Council
ii. Take the measures necessary to limit the environmental consequences of such an incident or accident, and
iii. Take the measures necessary to prevent further possible incidents or accidents;

(b) Of a breach of a permit condition, the operator shall immediately:

i. Inform the Council, and
ii. Take appropriate measures to ensure that compliance is restored within the shortest possible time;

(c) Of breach of a permit condition which poses an immediate danger to human health or threatens to cause immediate significant adverse effect on the environment, the operator shall immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.

4.3.2 Any information provided under condition 4.3.1 where the information relates to the breach of a limit specified in the permit, shall be confirmed by sending information listed in Schedule 6 - Notification within the time period specified in that schedule.

4.3.3 The Council shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:

Where the operator is a registered company:

(a) Any change in the operator's trading name, registered name or registered office address; and

(b) Any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up

Where the operator is a corporate body other than a registered company:

(a) any change in the operator's name or address; and

(b) any steps taken with a view to the dissolution of the operator.

In any other case:

(a) the death of any of the named operators (where the operator consists of more than one named individual);

(b) any change in the operator's name(s) or address(es); and

(c) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.

4.3.4 Where the operator proposes to make a change in the nature or functioning, or an extension of the activities, which may have consequences for the environment and the change is not otherwise the subject of an application for approval under the EPR or this permit:

(a) The Council shall be notified at least 14 days before making the change; and

(b) The notification shall contain a description of the proposed change in operation.

4.3.5 The Council shall be notified at least 14 day before implementation of any part of the site closure plan.

4.4 Interpretation

4.4.1 The expressions in this permit shall have the meaning given in Schedule 7 - Interpretation.

4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made "immediately" in which case it may be provided by telephone.

SCHEDULE 1 - OPERATIONS

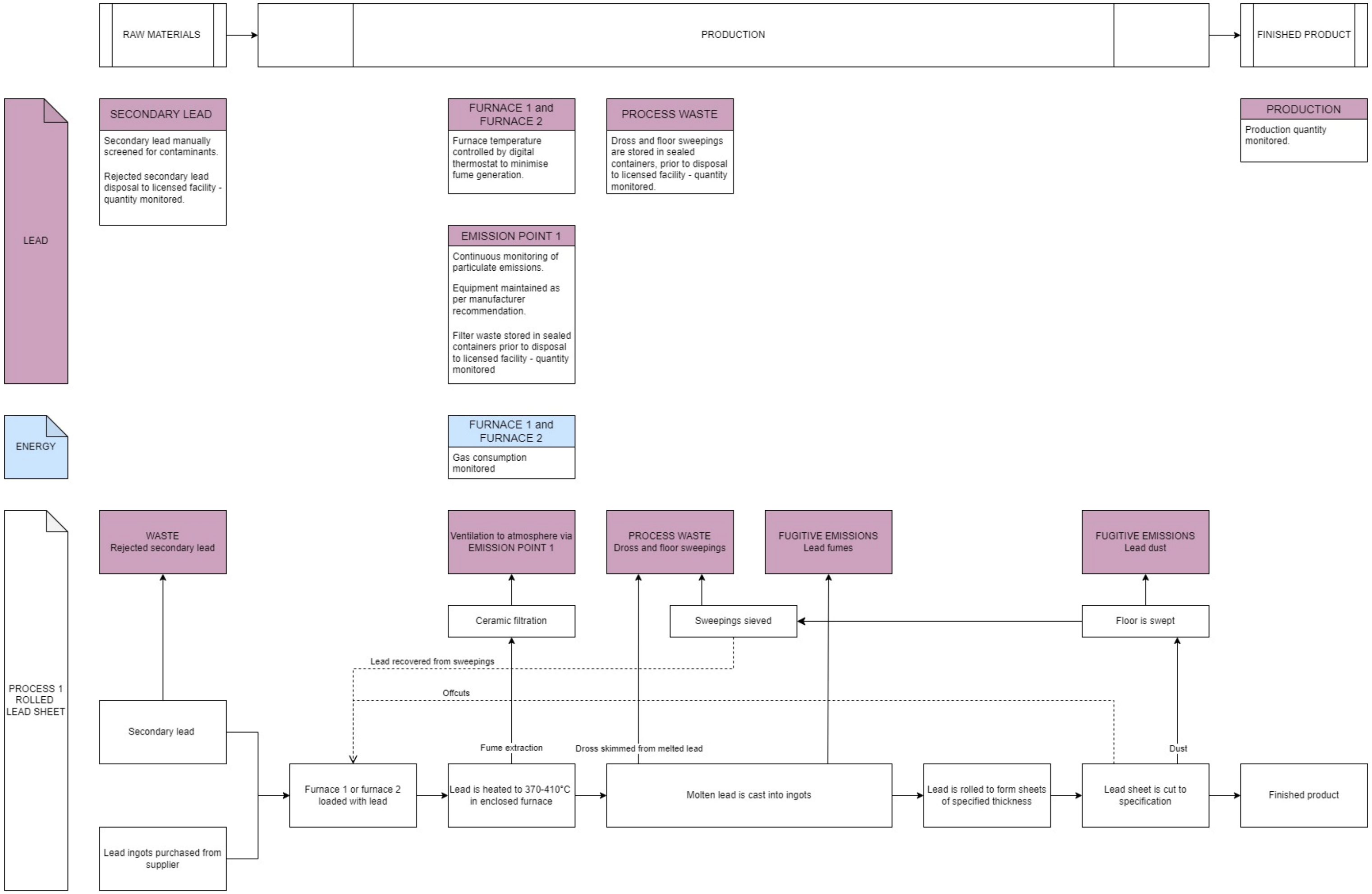


Figure 1 Rolled Lead Production Overview

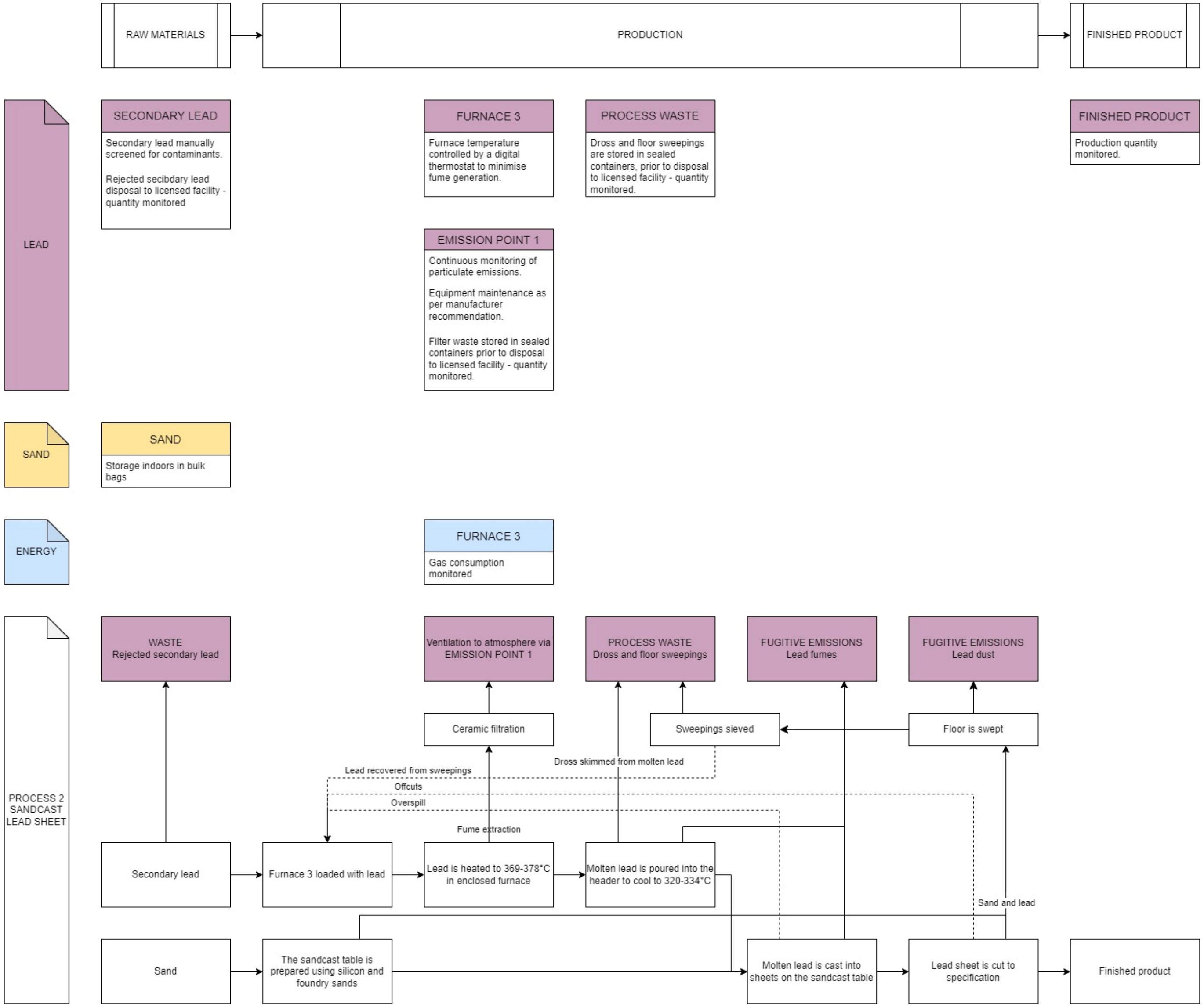


Figure 2 Sandcast Lead Production Overview

Table 1: Activities and directly associated activities

Activities under Schedule 1 of the Environmental Permitting Regulations	Description of activity	Limits of specified activity
Chapter 2, Section 2.2, Part A(2)(a)(i)	Melting, including making alloys of, non-ferrous metals, including recovered products and operating of non-ferrous metal foundries where the plant has a melting capacity of more than 4 tonnes per day for lead or cadmium or 20 tonnes per day for all other metals, and — no furnace (other than a vacuum furnace), bath or other holding vessel used in the plant for the melting has a design holding capacity of 5 or more tonnes	Within the three furnaces fitted with ducted extraction and abatement only
Associated activity	Receipt, handling and storage of lead prior to use	
Associated activity	Receipt, handling, and storage of all other raw materials prior to use	
Associated activity	Storage of waste prior to removal from the site	

Table 2: Operating techniques

Description	Information	Date received
Monitoring and abatement of emissions	Information submitted in support of 2010 permit variation	
Receipt of secondary (scrap) lead	Information submitted in support of 2010 permit variation	

SCHEDULE 2 - RAW MATERIALS AND WASTE

Table 3: Raw materials

Material	Description	Storage
Lead	Lead produced to BS EN 12588:2006	On pallets/in containers
Lead	Secondary (scrap) lead	On Pallets/in containers
Sand	Sand for use in sandcast process	In delivery bags
Oil, greases and other lubricants	Required to maintain and operate machinery	Adjacent to rolling mill

Table 4: Permitted waste types for melting as process feedstock

EWC waste code	Description
17 04 03	Lead from construction and demolition waste

Table 5: Waste

Material	Description	Storage
Dross	Metals skimmed from the surface of molten lead	Sealed drums in waste storage area
Dust from extraction filtration	Particulates captured during emission abatement	Sealed drums in waste storage area
Dust from floor sweeping	Dust collected from cleaning	Sealed drums in waste storage area
Waste oil, greases and other lubricants	General waste from machinery maintenance	In appropriate containers in waste storage area

SCHEDULE 3 - EMISSIONS AND MONITORING

Table 6: Point source emissions to air - emission limits and monitoring requirements

Emission point reference Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard	Accreditation
A1 Combined exhaust from installation furnaces	Particulate matter	4 mg/Nm^3	Average over the sampling period	Every 12 months	BS EN 13284-1	MCERTS
	Lead[1] and its compounds, expressed as Pb	1 mg/Nm^3	Average over the sampling period		BS EN 14385	
	Antimony[1] and its compounds, expressed as Sb	No limit set				
	Arsenic[1] and its compounds, expressed as As					
	Cadmium[1] and its compounds, expressed as Cd					
	Copper[1] and its compounds, expressed as Cu					
	Nickel[1] and its compounds, expressed as Ni					
	Total volatile organic compounds (as C)	30 mg/Nm^3			BS EN 12619	
	Dioxins (PCDD/F)	0.1 ng/Nm^3 (I-TEQ)	Average over a sampling period of at least 6 hours		BS EN 1948	
	Visible emissions of smoke	No visible emissions	5 minutes observation in every 24 hours of operation	Daily	N/A	N/A

[1] Metals include both gaseous, vapour and solid phases as well as their compounds (expressed as the metal or total as specified).

SCHEDULE 4 - REPORTING

Table 7: Reporting of monitoring data

Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Emissions to air As required by condition 3.5.1	A1	12 months	1 January

Table 8: Consumption and production

Parameter	Units	Reporting Period	Period Begins
Raw material consumed - secondary (scrap) lead	Tonnes	12 Months	1 January
Raw material consumed - primary lead			
Lead products manufactured			

Table 9: Performance parameters

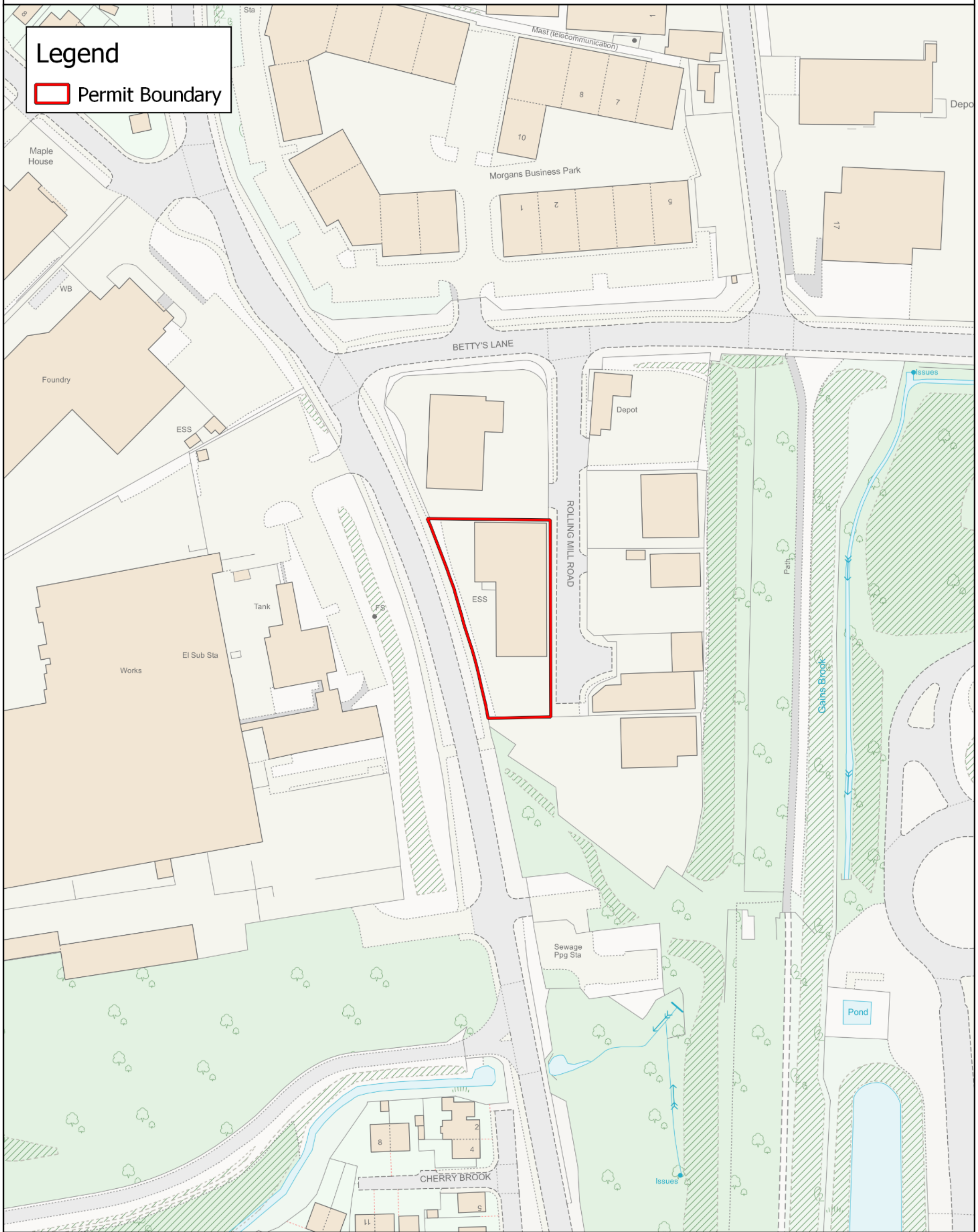
Process	Parameter	Units	Reporting period Period begins
Rolling Mill	Energy use - natural gas	kWh/tonnes of product manufactured	
Sand Casting	Energy use - natural gas	kWh/tonnes of product manufactured	
Whole Plant	Process waste	Tonnes	
Whole Plant	Total annual emissions of particulates from emission point A1	Kg per year	
Whole Plant	Total annual emissions of lead from emission point A1		

SCHEDULE 5 - PLANS

1:1500

Cannock Chase Council

Central Milled Lead



Date Created: 03-01-2025

0 30 m

N

Figure 3 Site Location Plan

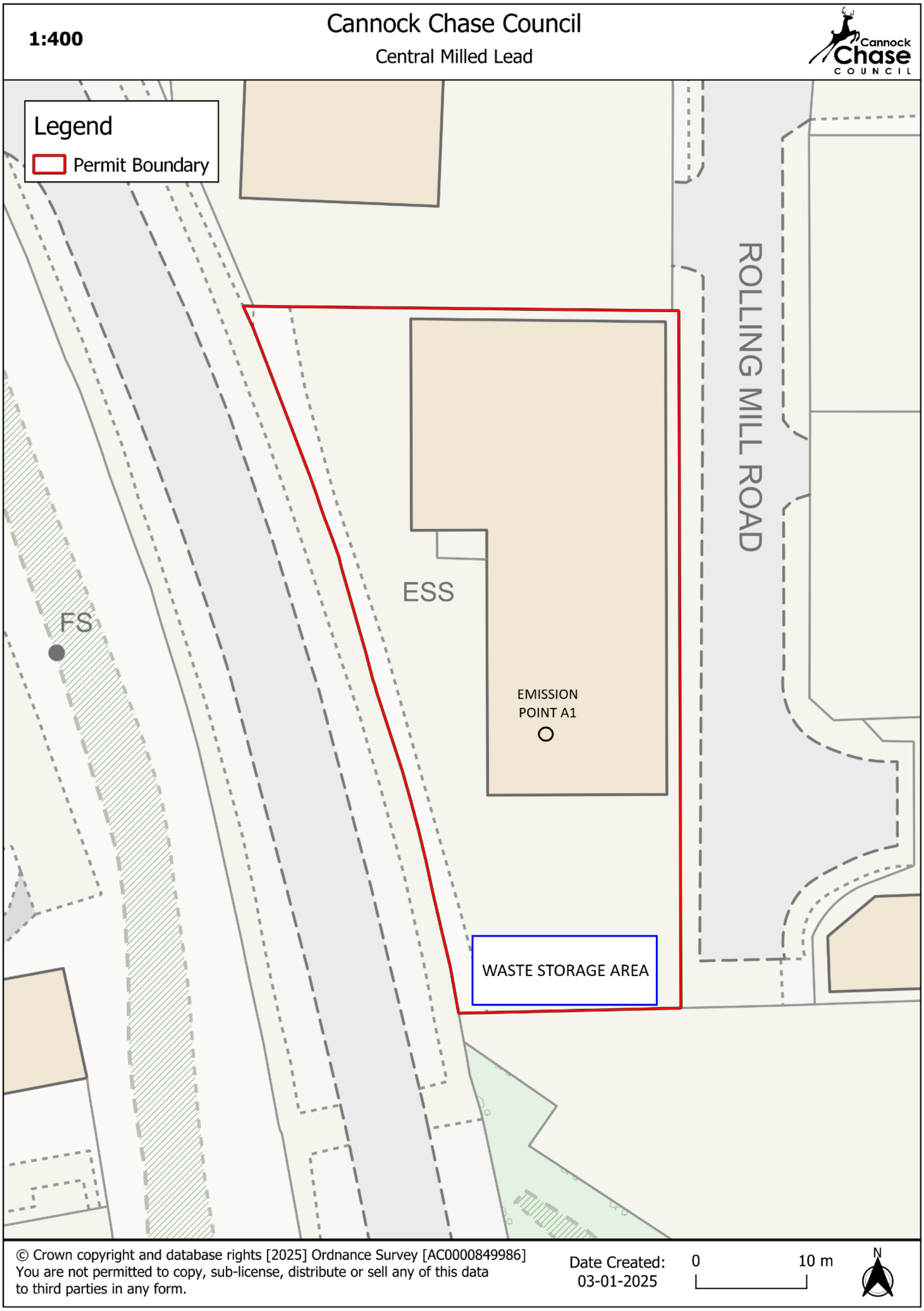


Figure 4 Site Boundary, Waste Storage Area and Emission Point A1

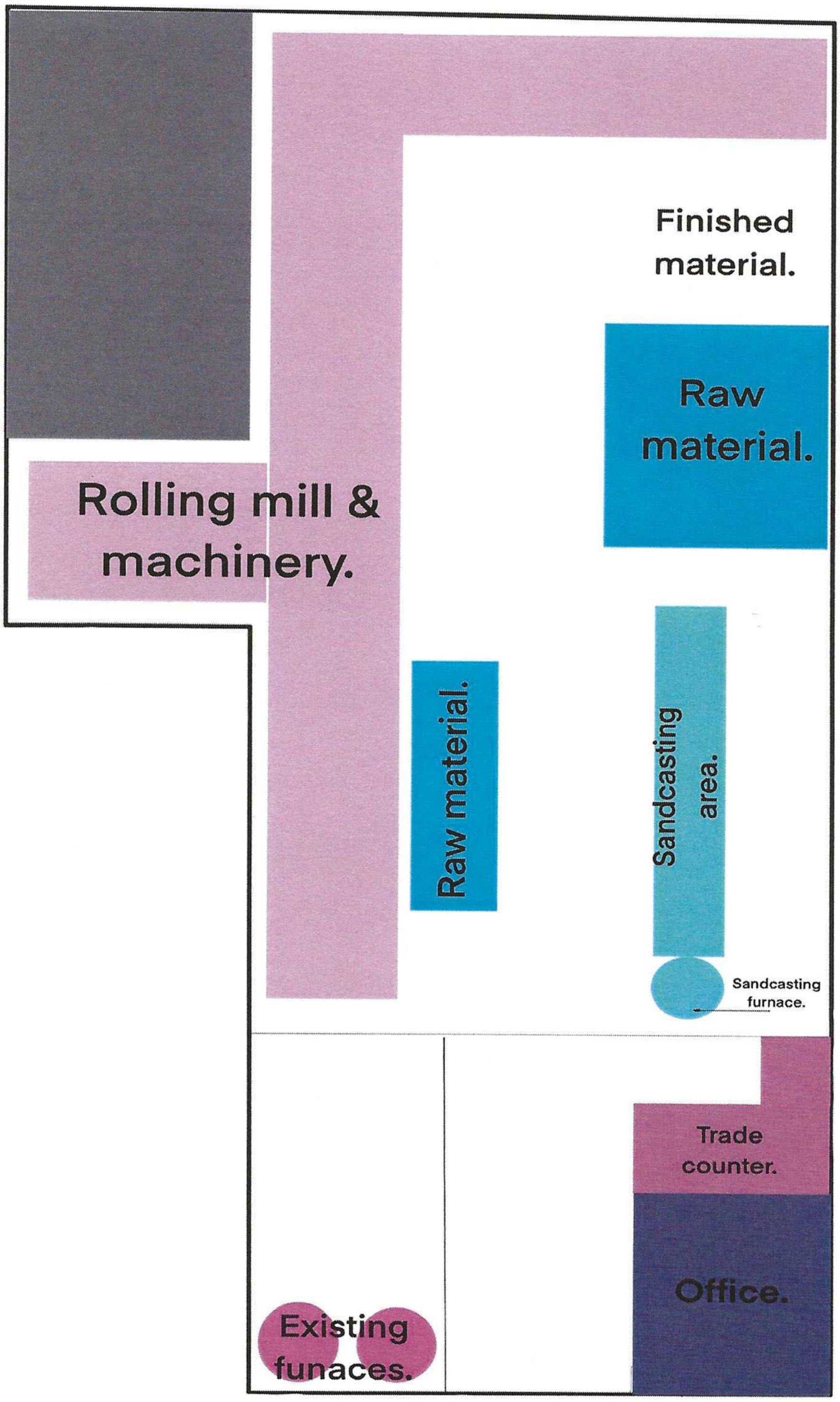


Figure 5 Internal Layout

SCHEDULE 6 - NOTIFICATION

These pages outline the information that the operator shall provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the EPR.

Part A - to be submitted within 24 hours of detection

Permit number	
Name of operator	
Location of facility	
Date and time of detection	

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution

Date and time of the event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substance(s) potentially released	
Best estimate of the quantity or rate of release of substance(s)	
Measures taken, or intended to be taken, to stop any emission	
Description of the failure or accident	

(b) Notification requirements for the breach of a limit

Emission point reference	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	
Measures taken, or intended to be taken, to stop any emission	

(c) Notification requirements for the detection of any significant adverse environmental effect

Description of where the effect on the environment was detected	
Substance(s) detected	
Concentrations of substance(s) detected	
Date of monitoring/sampling	

Part B - to be submitted as soon as is practicable.

Any more accurate information on the matters for notification under Part A	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	
The dates of any unauthorised emissions from the facility in the preceding 24 months.	

Name[1]	
Post	
Signature	
Date	

[1] Authorised to sign on behalf of the operator

Schedule 7 - Interpretation

"accident" means an accident that may result in pollution.

"application" means the application for this permit, together with any additional information supplied by the operator as part of the application and any response to a notice served under Schedule 5 to the EPR.

"authorised officer" means any person authorised by Cannock Chase District Council under Section 108(1) of The Environment Act 1995 to exercise powers specified in section 108(4) of that Act.

"averaged over the sampling period" means the average value of three consecutive measurements of at least 30 minutes each, unless otherwise stated, as defined in the General Considerations section of the Non-Ferrous Metals BAT Conclusions. For batch processes, the average of a representative number of measurements taken over the total batch time or the result of a measurement carried out over the total batch time can be used.

"BAT-AELs" means BAT associated emission levels, i.e. the emission levels associated with the best available techniques for emissions to air and /or water, as set out in the Non-Ferrous Metals BAT Conclusions.

"daily average" means the average over a period of 24 hours of valid half-hourly or hourly averages obtained by continuous measurements, as defined in the General Considerations section of the Non-Ferrous Metals BAT Conclusions. A half-hourly or hourly average shall be considered valid if measurements are available for a minimum of

(a) 20 minutes during the half hour, or

(b) 40 minutes during the hour.

The number of half-hourly of hourly averages so validated shall not exceed 5 per day.

"EPR" means the Environmental Permitting (England and Wales) Regulations SI 2016 No.1154; words and expressions used in this permit have the same meanings as those used in the EPR.

"emissions of substances not controlled by emission limits" means emissions of substances to air, water or land from activities, either from the emission points specified in schedule 3 or from other localised or diffuse sources, which are not controlled by an emission limit.

"EWC" means the European Waste Catalogue List of Wastes which is a standardised way of describing waste.

"groundwater" means all water, which is below the surface of the ground in the saturated zone and in direct contact with the ground or subsoil.

"hazardous property" meaning is given in Appendix III of the Waste Framework Directive.

"hazardous waste" meaning is given in the Hazardous Waste (England and Wales) Regulations 2005 (as amended).

"Industrial Emissions Directive" means Directive 2010/75/EU of the European Parliament and of the Council of 24 November 2010 on industrial emissions.

"I-TEQ" means international toxic equivalency derived by applying international toxic equivalence factors, as defined in Annex VI, part 2 of Directive 2010/75/EU.

For the determination of the toxic equivalence (I-TEQ) value stated as a release limit the mass concentrations of the following dioxins and furans shall be multiplied with their equivalence factors before summing.

Equivalence factor:

Dioxins

2,3,7,8 Tetrachlordibenzodioxin (TCDD)	1
1,2,3,7,8 Pentachlordibenzodioxin (PeCDD)	0.5
1,2,3,4,7,8 Hexachlordibenzodioxin (HxCDD)	0.1
1,2,3,7,8,9 Hexachlordibenzodioxin (HxCDD)	0.1
1,2,3,6,7,8 Hexachlordibenzodioxin (HxCDD)	0.1
1,2,3,4,6,7,8 Heptachlordibenzodioxin (HpCDD)	0.01
Octachlordibenzodioxin (OCDD)	0.001

Furans

2,3,7,8 Tetrachlorodibenzofuran (TCDF)	0.1
2,3,4,7,8 Pentachlorodibenzofuran (PeCDF)	0.5
1,2,3,7,8 Pentachlorodibenzofuran (PeCDF)	0.05
1,2,3,4,7,8 Hexachlordibenzofuran (HxCDF)	0.1
1,2,3,7,8,9 Hexachlordibenzofuran (HxCDF)	0.1
1,2,3,6,7,8 Hexachlordibenzofuran (HxCDF)	0.1
2,3,4,6,7,8 Hexachlordibenzofuran (HxCDF)	0.1
1,2,3,4,6,7,8 Heptachlordibenzofuran (HpCDF)	0.01
1,2,3,4,7,8,9 Heptachlordibenzofuran (HpCDF)	0.01
Octachlordibenzofuran (OCDF)	0.001

"list of Wastes" means the list of wastes established by Commission Decision 2000/532/EC replacing Decision 94/3/EC establishing a list of wastes pursuant to Article 1(a) of Council Directive 75/442/EEC on waste and Council Decision 94/904/EC establishing a list of hazardous waste pursuant to Article 1(4) of Council Directive 91/689/EEC on hazardous waste, as amended from time to time.

"MCERTS" means the Environment Agency's Monitoring Certification Scheme.

"monthly average" means the average over a period of a calendar month of valid daily averages obtained by continuous measurements.

Where a minimum limit is set for any emission parameter, for example pH, reference to exceeding the limit shall mean that the parameter shall not be less than that limit.

Unless otherwise stated, any reference in this permit to concentration of substances in emissions into air means:

- In relation to emissions from combustion processes and not subject and not subject to BAT-AELs for air emissions, the concentration in dry air at a temperature of 273.15K, at a pressure of 101.3kPa, and with an oxygen content of 3% dry for a liquid and gaseous fuels and 6% dry for solid fuels; and/or

- In relation to emissions from non-combustion sources and not subject to BAT-AELs for air emissions, the concentration at a temperature of 273.15K and at a pressure of 101.3 kPa, With no correction for water vapour content; and/or

- In relation to emissions from non-combustion sources subject to BAT-AELs for air emissions, the concentration in dry air at temperature of 273.15 K and at a pressure of 101.3 kPa; and/or

- In relation to emissions from combustion processes subject to BAT-AELs for air emissions, the concentration in dry air at a temperature of 273.15K and at a pressure of 101.3 kPa, and with an oxygen content of 3% dry for liquid and gaseous fuels and 6% dry for solid fuels.

“The Council” means Cannock Chase District Council.

“waste code” means the six digit code referable to a type of waste in accordance with the List of Wastes and in relation to hazardous waste, includes the asterisk.

“Waste Framework Directive” or “WFD” means Waste Framework Directive 2008/98/EC of the European Parliament and of the Council on waste.

“waste hierarchy” means the waste hierarchy as defined by Regulation 12 of the Waste (England and Wales) Regulations 2011.

“waste operation” means recovery or disposal of waste.

“year” means calendar year ending 31st December.