



**POLLUTION PREVENTION AND CONTROL ACT 1999
ENVIRONMENTAL PERMITTING (ENGLAND & WALES) REGULATIONS 2016**

**Permit Number: 2.1/053186/JT2
Installation Address:
Speciality Steel UK Limited
Stocksbridge
Sheffield
S36 2JA**

In accordance with Regulation 13(1) of the Environmental Permitting (England and Wales) Regulations 2016, Speciality Steel UK Limited is hereby permitted to operate a scheduled activity at the address detailed above, namely the production, melting or refining of iron or steel or any ferrous alloy (other than producing pig iron or steel, including continuous casting) using electro slag re-melt furnaces as described in Schedule 1, Part 2, Chapter 2, Section 2.1, Part B(b) and subject to the following Permit conditions.

Signed

Dated this day: July 21st 2017

**Commercial Team Manager
Authorised by Sheffield City Council to sign on their behalf**

The Secretary of States Guidance Notes PG PG2/3(13) "Electrical, Crucible and Reverberatory Furnaces" and PG2/4(13) "Iron, Steel and Non-Ferrous Metal Foundry Processes" have provided the framework for the conditions in this Permit.

Name & Address of Operator:

Speciality Steel UK Limited
Stocksbridge
Sheffield
S36 2JA

Company registration number: 10491177

Site contact: Jonty Brownlow Tel: 0114 283 2883; Mob: 07730 695992
Email: jontybrownlow@tatasteel.com

Registered Office:

7 Fox Valley Way
Stocksbridge
Sheffield
S36 2JA

Company registration number: 10491177

Address of Permitted Installation:

Speciality Steel UK Limited
Stocksbridge
Sheffield
S36 2J

Holding Company:

No

Talking to Us

Any communication with Sheffield City Council should be made to the following address quoting the Permit number: 2.1/053186/JT2

epsadmin@sheffield.gov.uk or ippc@sheffield.gov.uk

Telephone: (0114) 273 4651

Our Address:

**ENVIRONMENTAL PROTECTION SERVICE
SHEFFIELD CITY COUNCIL
5th FLOOR (NORTH)
HOWDEN HOUSE
1 UNION STREET
SHEFFIELD
S1 2SH**

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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(1) of the Environmental Permitting (England and Wales) Regulations 2016 (S.I. 2016 No.1154), as amended, (“the EP Regulations”) to operate an installation carrying out activities covered by the description in Section 2.1 of Schedule 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 66 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 by prior appointment (Monday to Friday 9.00 am to 5.00 pm) at the following address:

Environmental Protection Service
Sheffield City Council
5th Floor 5 (North)
Howden House
1 Union Street
Sheffield
S1 2SH

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 2016.

Appeals

Under Regulation 31 of the EP Regulations, Operators have the right of appeal against the conditions attached to their permit. Chapter 5 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 2016.

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.2016 No. 1154 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

Description of Activities

Steel ingots produced elsewhere are further refined for use in the aerospace industry and in other high tech. applications.

The Electro Slag Refining furnaces are situated in the Remelt Department at Stocksbridge, which occupies 2 buildings in an area located on the south west side of the Stocksbridge works. Remelt 1 is situated in the south of the area; Remelt 2 is to the north side. The installation location and layout are as indicated by the plans in Schedules 1 and 2 of this Permit.

The Remelted Steels department produces steel of a very high product integrity and cleanness by remelting steel ingots and blooms. Firstly, ingots and blooms are prepared by sawing and grinding to remove any surface contamination, although this operation may be contracted out. A stub is then welded onto the top face. To ensure effective welding the top of the ingot and the stub are preheated using natural gas fired burners. The stub is reclaimed after the ingot has been remelted and is cleaned for reuse. Typical ingot and bloom weights are between 5 and 6 tonnes, and 1 and 1.5 tonnes respectively.

Processes

Remelt 1

There is a single Electro Slag Refining (ESR) furnace in Remelt 1 (ESR1), rated at 2MVA and a 0.6MVA slag melting furnace. ESR1 is an Auto-change, collar mould furnace with hot slag starting. The slag is introduced to the ESR after melting in the small slag melt furnace. Fume from the slag and ESR furnaces is extracted and passes through a cartridge filter prior to discharge to atmosphere at SA3 as indicated on the plan in Schedule 2. Cold slag and aluminium can be added to the furnace during the ingot making as necessary.

Ingots can be slow cooled or annealed in one of two natural gas fired Birley Lift Off Annealing Furnaces (Nos.1 & 2) located at the west end of the Furnace Bay . The thermal rating of No.1 Furnace is 0.51 MW and the rating of No.2 Furnace is 1 MW.

There is a facility for welding and arcing stubs. The fumes from this operation pass through a cartridge fabric filter and are discharged to atmosphere external to the shop.

Remelt 2

There is one, cold slag start ESR Furnace (ESR2) which consists of 2 heads and power units, the transformers for each head are rated at 2MVA. These are separate units that can be combined to form a single unit. Each head has a static mould station to the side, and there is also a central collar mould

which can be accessed by both heads. This mould allows remelted ingots of larger size to be produced. When the collar mould is not in use, both the static moulds can be used simultaneously.

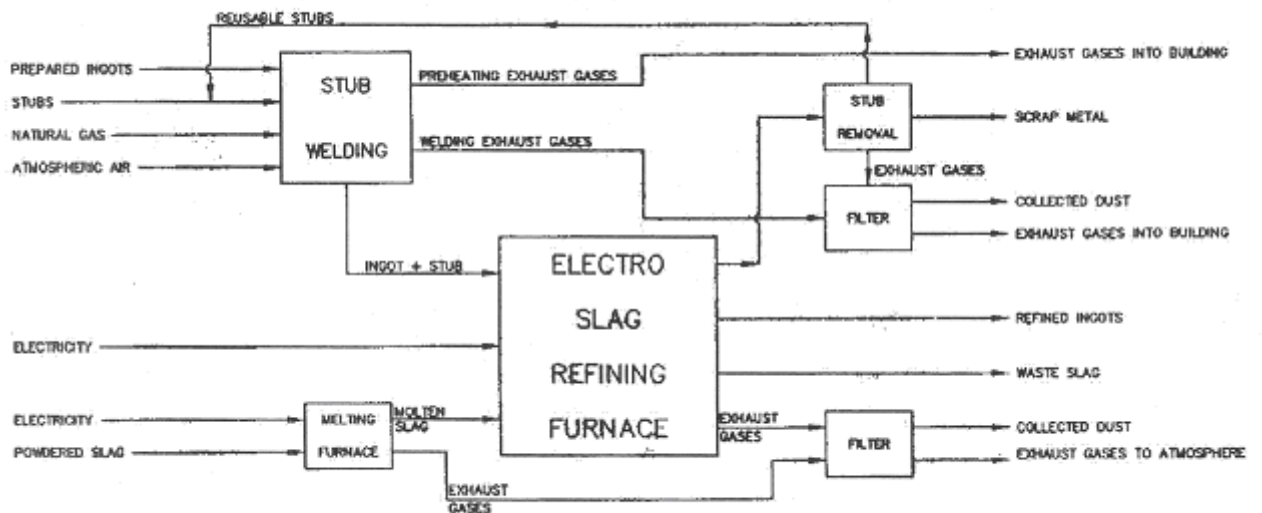
Emissions from ESR1 are collected in hoods over the mould station, while on ESR2 the fume is collected directly from the mould. Powdered lime from a hopper is added to the fume from ESR2 to provide additional neutralisation of HF fumes. The fume on both plants is drawn by an induced draft fan through a fabric cartridge filter prior to discharge to atmosphere via a stack. Particulate levels in the discharge are therefore low. Fugitive emissions from this process are negligible. Therefore the only emission from the process to air is the stack discharge.

Extraction of emissions from ESR2 is through a cartridge filter and stack located at SA3B on the plan in Schedule 2.

There are 2 lift off annealing furnaces which are fired by natural gas with high velocity low NOX burners.

A facility for welding and arcing stubs is located within the Preparation Bay. Fumes from welding pass through a fixed filter and a portable unit is used to collect the fumes from arcing. Both these filters discharge within the shop. Also within this bay are 2 saws for sawing the stubs off the remelted ingots.

The flow chart below represents the remelt operations at Stocksbirdge.



PROCESS FLOW DIAGRAM FOR VACUUM ARC AND ELECTRO SLAG REFINING

Slag for ESR1 is in the form of powder which is manufactured from raw materials on site, while ESR2 uses externally procured granules up to about 10 mm in size. The total quantity of slag used per melt is approximately 150 kg for ESR1 and 190 kg for ESR2. Where aluminium wire is added to

condition slag in ESR2, this is done through sealed double chambers to prevent emissions from the furnace.

Emissions to Air

Shotblasting and slag crushing are carried out within the installation: emissions from shotblasting processes are captured locally, with exhausts internal to the buildings. Slag crushing causes little emission and is fugitive within the building in the slag crushing area.

Particulate Matter (PM), and Oxides of Nitrogen (NOX) are created during stub welding and arcing and annealing processes.

PM, NO_x and Hydrogen Fluoride (HF) are created during the ESR process. All of these emissions are extracted to atmosphere.

Stub Welding & Arcing

Fumes are collected in local hoods and pass through fabric cartridge filters. In Remelt 1 the discharge is external to the shop through a designated release point. The filters in Remelt 2 discharge within the shop. Fugitive emissions are negligible.

Annealing Furnaces

Fumes from these furnaces (ANF) are discharged to atmosphere via individual stacks. Control of combustion limits the emissions from these furnaces. The newer furnaces in Remelt 2 are fitted with low NO_x burners utilizing staged combustion.

Fugitive emissions when the lid is removed at the end of a cycle are negligible.

The Table below summarises the emissions points, stack parameters and abatement techniques.

Emission Point	Reference ¹	Height (m)	Diameter (m)	Flow (m ³ /s)	Pollutants	Abatement (Serial number)
Stack ESR1	SA3	13.3	0.7	4.0	PM, HF	Donaldson Torit filter (2625054)
Stack ESR2	SA3B	26.0	0.3	1.0	PM, HF	Consarc Engineering filter (MJX50/L/8-8)
Stub Welding Vent	SA23	4.0	0.3 x 0.3 ²	1.33	PM	Donaldson Torit filter (TDP4/CMP 9291)
Stack Remelt 1 ANF 1	SA19	6.7	0.53	0.76	NOX	none
Stack Remelt 1 ANF 2	SA20	6.7	0.53	1.53	NOX	none
Stack Remelt 2 ANF 3	A22	27	0.81	0.8	NOX	none
Stack Remelt 2 ANF 4	A23	23	0.8	1.4	NOX	none

¹ Located as shown on the plans in Schedule 2 of this Permit

² Vent is square in cross-section

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 The activities at the installation shall be carried out within the installation boundary shaded in green as indicated on the Installation Location and Boundary plan shown in Schedule 1 of this Permit.
- 2.2 Permitted activities shall only be carried on using the plant and equipment as detailed in the Description of Activities and on the Installation Layout reproduced in Schedule 2 of this Permit.
- 2.3 The Operator shall notify the Regulator of any proposed operational changes including any alterations to the process involving the provision of new plant or equipment which may affect emissions or have consequences for the environment. The information shall be submitted at least 14 days before the changes take place.
- 2.4 No plant or equipment used for any activity shall be operated with an extraction point to atmosphere unless specifically noted within this Permit or specifically agreed in writing with the Regulator. .

Section 3 – Emissions Limits and Controls

- 3.1 No visible dust or particulate matter shall be emitted beyond the installation boundary. The installation boundary is detailed in Schedule 1.
- 3.2 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 the Regulator.
- 3.3 Emissions from combustion processes shall be free from visible smoke and in any case shall not exceed the equivalent of Ringelmann Shade 1 as described in British Standard BS 2742:2009.

- 3.4 The best available techniques shall be used to prevent or, where that is not practicable, reduce emissions from the installation in relation to any aspect of the operation of the installation which is not regulated by any other condition of this Permit.
- 3.5 Emissions to air shall be free of offensive odour beyond the installation boundary as perceived by the Regulator.
- 3.6 Except for condensed water vapour, all releases to air shall be free from persistent visible emissions.
- 3.7 In the reporting of monitoring results, all pollutant concentrations shall be expressed at reference conditions 273k, 101.3kPa, the oxygen and water references shall be that which corresponds to the normal operating conditions in the process.
- 3.8 The introduction of dilution air into duct systems in order to comply with emission limits shall not be permitted.
- 3.9 The canvas extraction system hood serving ESR1 shall be closed and the extraction system shall be running while molten materials are in the furnace.
- 3.10 The extraction hood shall be sealed over ESR2 with the extraction system running while the furnace is in operation, except when charging a bloom in which case the hood shall be resealed as soon as the bloom is in place. Slag or aluminium shall not be added to the furnace while the hood is open.
- 3.11 Emissions of total particulate matter from the furnaces shall not exceed 10mg/m³.
- 3.12 Emissions of hydrogen fluoride from the furnaces shall not exceed 10mg/m³.
- 3.13 Powdered lime shall be added to the filters serving ESR2 during each melt in order to neutralise the emissions of hydrogen fluoride to achieve the emission limit in condition 3.12.
- 3.14 The lime hoppers serving the furnace filters shall be fitted with a low level alarm to indicate when lime is running low.

4.0 Monitoring, Sampling and Measurement of Emissions

- 4.1 Emissions shall be tested at least once in every twelve month period from ESR1 and ESR2 unless otherwise agreed in writing with the Regulator. .
- 4.2 At least 7 days prior to any non-continuous monitoring being carried out, the Operator shall ensure that site specific monitoring protocols are submitted to the Regulator 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.
- 4.3 The results of annual non-continuous monitoring tests shall be forwarded to the Regulator within 8 weeks of completion of the testing.
- 4.4 The Operator shall ensure that adequate facilities for sampling are provided on vents or ducts. Sampling points on new plant shall be designed to comply with the British or equivalent standards.
- 4.5 Monitoring shall be carried out in accordance with methods described in M1 "Sampling requirements for monitoring stack emissions to air from industrial installations"³ and M2 "Monitoring of stack emissions to air"⁴, published by the Environment Agency, or by another method agreed in writing by the Regulator.
- 4.6 Where the results of any non-continuous monitoring are adverse, 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 check compliance with the emission concentration limit specified as soon as possible;
 - Submit the re-test emissions monitoring report to the Regulator within 7 days of receipt of the results;
 - Record details of investigation and outcomes in the log book or recording system.

³ Environment Agency, January 2016, or any re-issue or update

⁴ Environment Agency, January 2014, or any re-issue or update

- 4.7 The Operator shall ensure that adverse results from monitoring and assessments carried out in accordance with conditions of the Permit, and alarm events, 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 recording system kept in accordance with condition 4.8.
- 4.8 The Operator shall ensure that a suitable recording system containing the details and results of all assessments, records of all inspections, checks and assessments made in accordance with Permit conditions 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 recording system shall be kept on the premises and made available for inspection by the Regulator. Such records shall be kept for a minimum of two years and shall be furnished to the Regulator on demand.
- 4.9 The Operator shall inform the Regulator 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 the Regulator shall include:

- The date and time of the incident;
- The cause and nature of the incident;
- Details of any abnormal emissions;
- Remedial action taken.

5.0 Maintenance of Abatement Plant

- 5.1 The Operator shall ensure that a visual inspection of all arrestment plant filters and ductwork is carried out at least once in every three month period under normal operating conditions, for any signs of wear, tear or damage. Any defects shall be repaired as soon as possible to ensure sound operation and prevent emissions to atmosphere. Details of the checks and any repair work shall be recorded in the log book or recording system required by condition 4.8 of this Permit.
- 5.2 The Operator shall ensure that arrestment plant serving emission points 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 or recording system kept in accordance with condition 4.8.

- 5.3 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 filters, shall be stored on site or be readily available in 24 hours from guaranteed suppliers, in order to rectify break downs rapidly.
- 5.4 The Operator shall keep a written maintenance programme in relation to permitted pollution control equipment. The programme shall be made available to the Regulator upon request.
- 5.5 All malfunctions or breakdowns leading to visible or odorous emissions shall be investigated and rectified immediately. Process operations shall be adjusted until normal operations are restored. Details of the malfunction shall be recorded in the log book or recording system. If an effect on the local community is likely, the Operator shall inform the Regulator within 1 working day.
- 5.6 The Operator shall manage and operate the activities in accordance with a written system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances, closure and those drawn to the attention of the Operator as a result of complaints, and using sufficient competent persons and resources.
- 5.7 A reading of the magnehelic gauges serving the furnace filters shall be taken and recorded on every operational day. Details of the reading shall be recorded in the log book or recording system kept in accordance with condition 4.8. Where the reading falls outside the optimum parameters for the plant, the condition of the filters shall be investigated and rectified.

6.0 Materials Handling

- 6.1 All potentially dusty materials shall be stored in covered containers, under cover or in a dampened state.
- 6.2 The Operator shall ensure that any accumulation or spillage of particulate materials outside any building is cleaned up immediately.
- 6.3 Arrested particulate matter from the filters serving abatement plant shall be collected into heavy duty bags or containers which shall be sealed in order to minimise emissions of particulate matter.
- 6.4 Accumulations of materials likely to generate dust are not permitted outside any building.

7.0 Chimneys and Process Vents

- 7.1 Stacks or process vents shall not be fitted with any restriction at the final opening such as a plate, cap or cowl, with the exception of a cone which has been fitted to increase the efflux velocity with prior written approval of the Regulator.
- 7.2 Exhaust gases discharged through a stack or vent shall achieve an exit velocity of 15m/sec or more during normal operating conditions, in order to achieve adequate dispersion. The discharge shall be vertically upwards.
- 7.3 Stack flues and duct work shall be checked and cleaned at least once every twelve month period in order to prevent an accumulation of materials. This shall be written into the site Maintenance Programme and a record of the check and clean made in the recording system required by condition 4.8

8.0 Records and Training

- 8.1 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;
 - Actions during abnormal emissions including dust suppression.
- 8.2 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. These documents shall be made available to the Regulator upon request.

8.3 The Operator shall ensure that all records required to be made by this Permit and any other records made by it in relation to the operation of the permitted process shall:-

- a) be made available for inspection by the Regulator at any reasonable time;
- b) be supplied to the Regulator on demand and without charge;
- c) be legible;
- d) be made as soon as reasonably practicable;
- e) indicate any amendments which have been made and shall include the original record wherever possible, and;
- f) be retained at the Permitted installation, or other location agreed by the Regulator in writing, for a minimum period of 2 years from the date when the records were made, unless otherwise agreed in writing.

9.0 Complaints

9.1 Within 2 weeks of the date of issue of this Permit, the Operator shall submit a written complaints procedure to the Regulator to be followed by the Operator in the event of any complaint from the general public, for approval in writing.

10.0 General Conditions.

10.1 External surfaces of the process buildings, ancillary plant, open yards and storage areas shall be inspected at least annually and cleaned if necessary to prevent the accumulation of dusty material. Particular attention shall be paid to roofs, guttering, roadways, external storage areas and yards. Cleaning operations shall be carried out using methods which minimise emissions of particulate matter to air.

10.2 The Operator shall notify the following to the Regulator in writing, within 14 days of their occurrence:-

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

- 10.3 The Operator shall notify the Regulator **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.

- 10.4 The Operator shall give written notification to the Regulator 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.

- 10.5 All reports and notifications required by this Permit, or under any Regulation of the Environmental Permitting Regulations 2016, shall be sent to the Regulator. Unless notified in writing, all reports, notifications and communications in respect of this Permit shall be sent to:

epsadmin@sheffield.gov.uk or ippc@sheffield.gov.uk

or

**Sheffield City Council,
Environmental Protection Service,
Floor 5 Howden House
1 Union Street
Sheffield
S1 2SH.**

END OF 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.

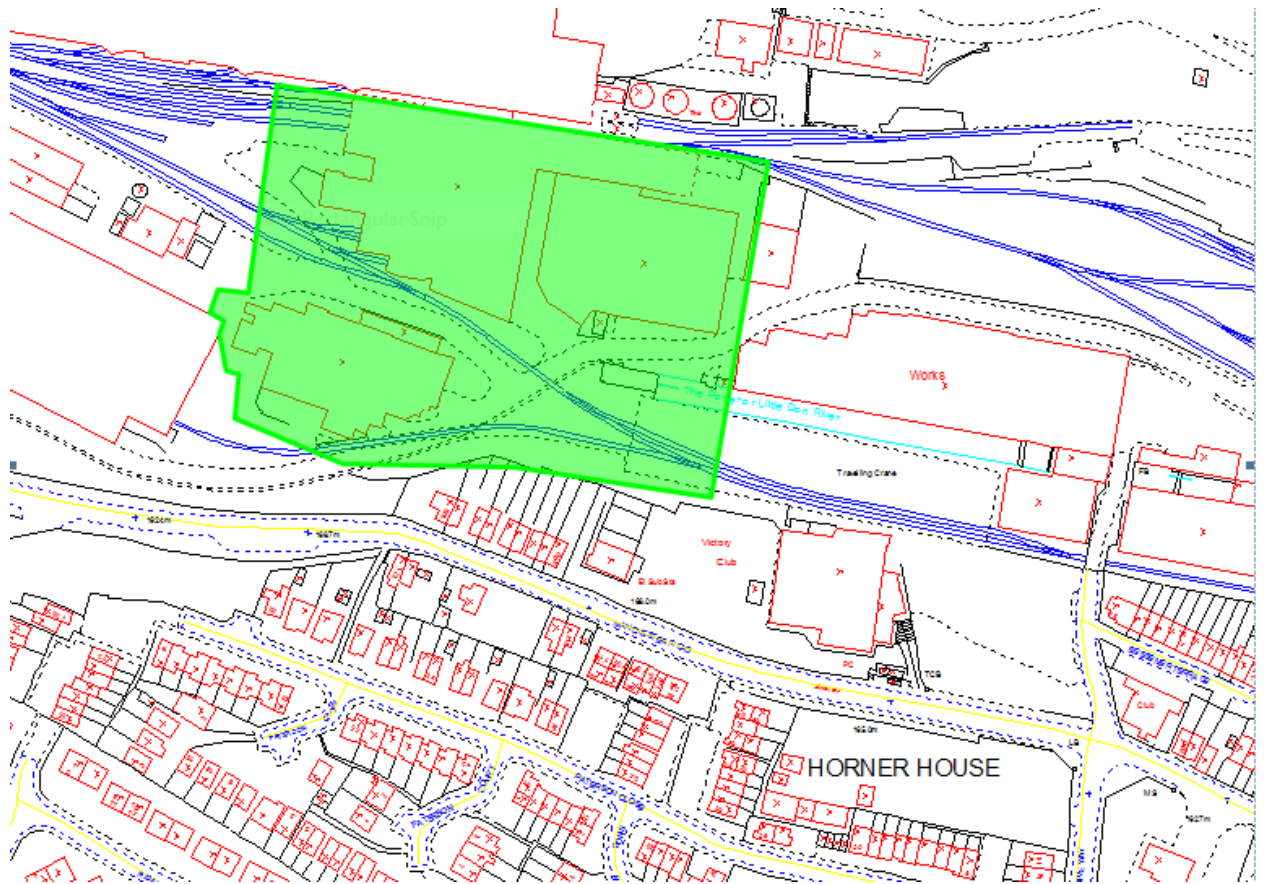
An annual subsistence fee as prescribed by the Secretary of State for the Environment shall be payable, for this Permit, by the process Operator, to this Authority within 2 weeks of the 1st April of each year.

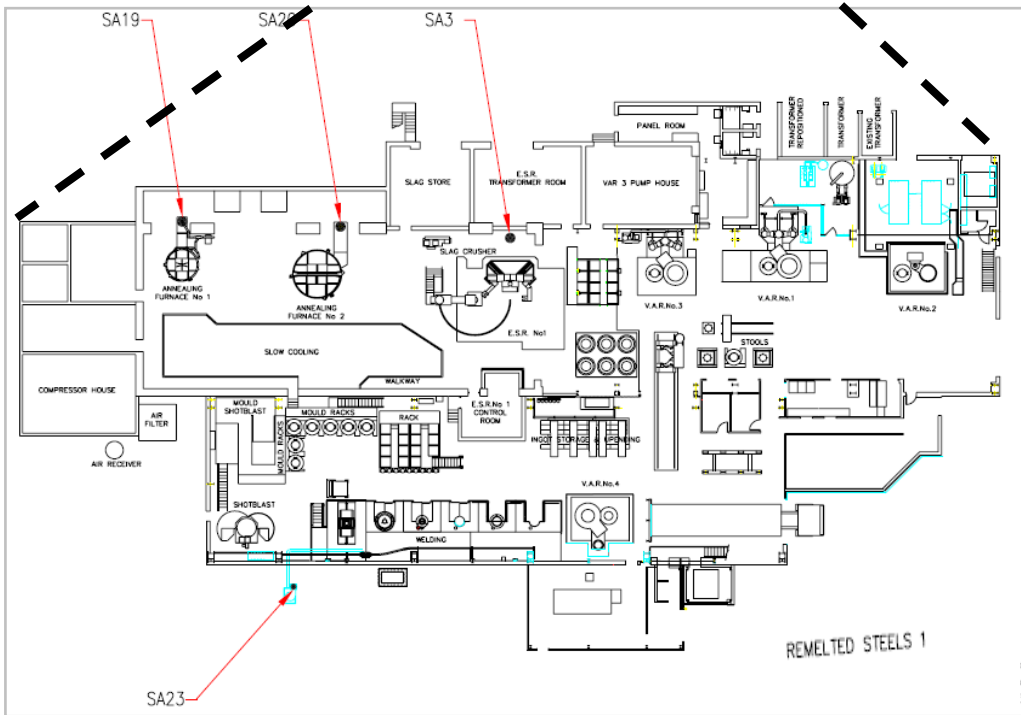
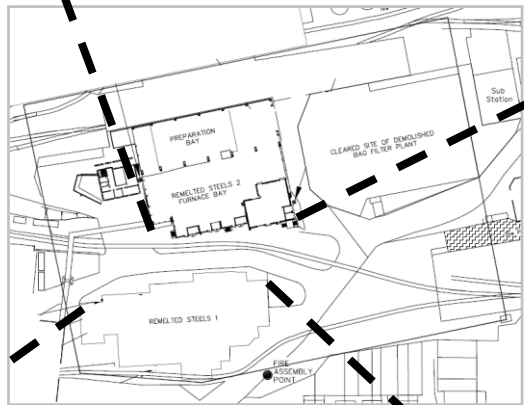
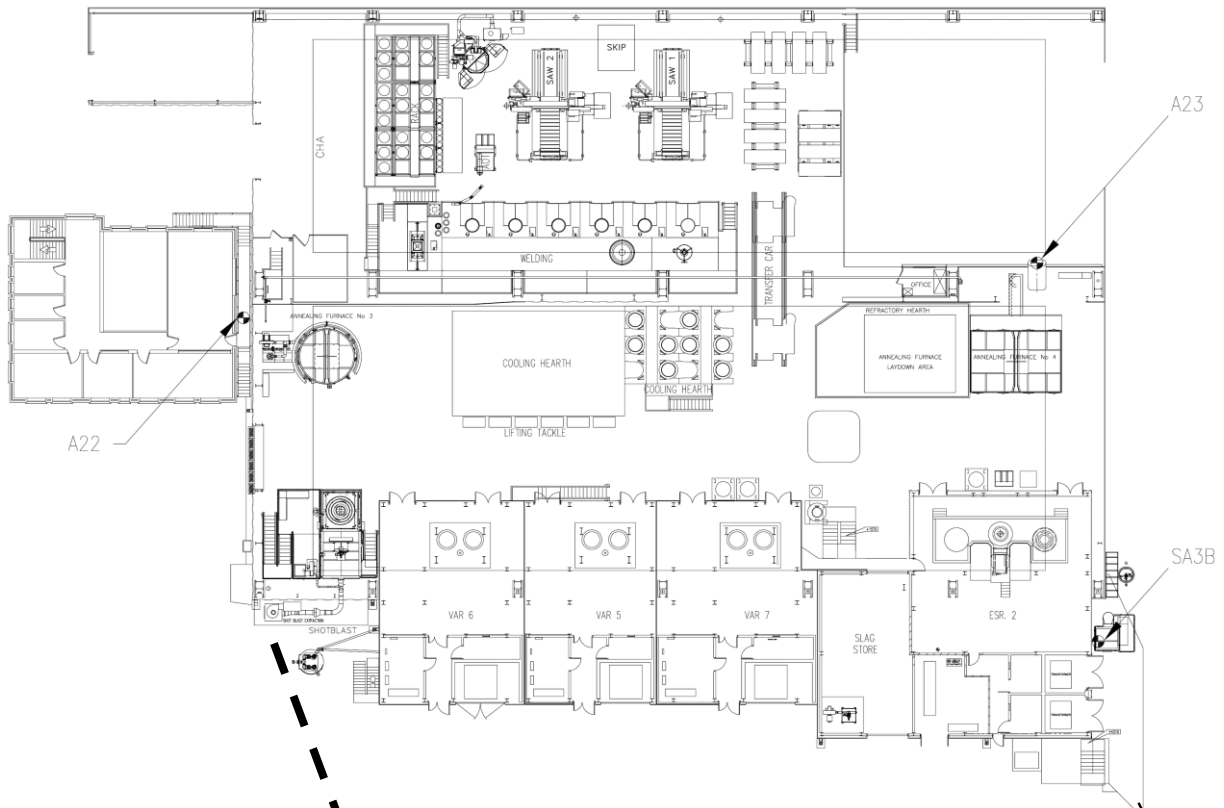
In the event that the Permit has been issued after the 1st April in the initial year then the subsistence fee shall be pro rata for the complete months remaining and shall be due within 2 weeks of the Permit issue date.

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 2016, 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 and Boundary





Schedule 2 Installation Layout