

CONSOLIDATED PERMIT



Hereby Permit

THE BROCKMOOR FOUNDRY COMPANY LIMITED

At

LEYS ROAD
BROCKMOOR
BRIERLEY HILL
WEST MIDLANDS
DY5 3UJ

Under The Provisions of

POLLUTION PREVENTION AND CONTROL ACT 1999

ENVIRONMENTAL PERMITTING REGULATIONS (ENGLAND AND
WALES) REGULATION 2007

Permit Reference Number

A2/1

Date Initial Permit Issued

3rd August 2004

Date of Variation

..... **Dated:** 10th November 2008

T Glews

Environmental Protection Manager

(Authorised to sign on behalf of Dudley Metropolitan Borough Council)

Contents

Introductory note	3
Description of the Installation	3
Conditions	
1.0 The Permitted Installation	6
2.0 General Management and Administration	7
3.0 Emissions to Air	8
4.0 Discharges to Water	11
5.0 Protection of Land and Groundwater	12
6.0 Training, Management and Records	13
7.0 Resource Utilisation	14
8.0 Waste Management	15
9.0 Energy Efficiency	16
10.0 Incidents	16
11.0 Activity Controls	17
12.0 Noise and Vibration	17
13.0 Cessation of Activities	18

Appendix I

Plan of Permitted Installation

Appendix II

*Point source emissions to atmosphere from
Permitted Installation*

Introductory Note to Environmental Permit

This Environmental Permit (the Permit) is issued by Dudley Metropolitan Borough Council (the Council) under Regulation 13(1) of the Environmental Permitting (England and Wales) Regulations 2007 (S.I. 2007 No.3538), to operate an Installation prescribed in Part 2 to Schedule 1 of those Regulations, to the extent specified in the conditions of this Permit.

The requirements of this Permit shall be effective from the date of service unless otherwise specified within the Permit. Where a Variation Notice has been served the conditions contained within that Variation Notice shall be effective from the date that the Notice is served, unless a specific implementation date is allocated to specific conditions.

For the purpose of this Permit the legal operator of the Installation is The Brockmoor Foundry Company Limited, Leys Road, Brockmoor, Brierley Hill, West Midlands, DY5 3UJ.

Description of the Installation

The main activity at the Installation is the production of Spheroidal Graphite Castings at a rate of more than 20 tonnes per day involving the following operations:

Raw Material Storage and Handling

Scrap metal, pig iron steel bales, ferro alloys and magnesium for metal/casting production are stored internally. Ferro alloys are stored in 205 or 250 kilogram drums and magnesium is stored in 56 kilogram or 1 tonne bags.

Silica sand, clay and coal dust for use in the green sand mixing plant are stored in hoppers inside the foundry. Silica sand is stored in two 20 tonne hoppers and one 25 tonne hopper. Clay and coal dust are stored in 20 tonne hoppers.

Silica sand is used for cold box core production in addition to phenolic resins and triethylamine. Phenolic resins are stored in banded 1000 kilogram intermediate bulk containers and triethylamine is stored in 205 kilogram drums.

Air set castings use reclaimed sand, phenolic resins and hardener.

Metal melting and treatment

Scrap metal and pig iron are melted in two 8 tonne capacity 4.5MW Medium Frequency Power Shaker Induction Furnaces.

Molten metal is transferred to the George Fischer Converter where 3kg of magnesium is added to form spheroidal graphite iron.

Molten metal is transferred to either the Automatic Pouring Unit/Holding Unit for use in the Green Sand Moulding Plant or to half tonne ladles for use in the Air Set Unit.

Disamatic Green Sand Moulding Plant

Silica sand is transferred by conveyor belt to the Erich Sand Mill where coal dust, clay and water are added.

The sand mix is discharged onto a belt and conveyor to the Disaforma Moulding machine, where the sand is then vacuumed onto the pattern and squeezed.

The mould is pushed automatically onto the casting/cooling conveyor where the mould is cast automatically by the press pour and continues for cooling.

After cooling the mould is transferred to knock out where the casting is separated from the sand.

Sand from used moulds is transferred by a conveyor belt back to the storage hopper for re-use.

Cold Box Core Production

Silica sand is blown pneumatically from the storage hopper to machine day hoppers.

The sand is fed into and mixed with Part I and Part II phenolic resins in a mixer.

The mixed sand is blown into the core boxes; triethylamine is injected to harden it. The core may be used immediately, or coated with a water based refractory coating, depending upon product. The core is for use on the Disaforma Moulding Line or Air Set.

Rejected cores are stored in transportable tipping skips and are sent to the Air Set Section for Attritic/Thermal reclamation.

Shell Core

A small volume (not exceeding 1 tonne per annum) of resin coated shell core is produced.

Air Set

The Air Set unit produces low volume castings. Sand is continuously mixed at a fixed rate. Phenolic resins and catalysts are added to the sand. The cores are assembled and cast in this area.

Sand is reclaimed and re-used after knock out.

Cooling and Shot blast

The casting moves down a cooling line where the feeders and runners are detached from the casting. The feeders, runners and castings proceed to a shot blast machine. Following shot blasting, the castings are transported to the fettling department and the runners and feeders are returned to the melting department for re-melting.

Heat Treatment

Approximately 7% of the total tonnage of castings produced is heat treated, to obtain specific customer requirements.

Fettling, Dressing and Finishing Castings

Excess material is removed from the casting by pedestal grinding, bench fettling or robotic fettling. This is followed by a further shot blast.

The casting is dipped in water based paint to prevent rusting.

Castings are then machined to the customer's requirements prior to final inspection and despatch.

Status Log

Detail	Reference	Date
A2 Application Received		18/08/2003
Application duly made	A2/1	23/08/2003
Permit Issued	A2/1	03/08/2004
Variation WK/200804479 Issued	A2/1	08/02/2008
Variation WK/200839915 Issued	A2/1	10/11/2008

Conditions

1.0 The Permitted Installation

- 1.1 For the purposes of this Permit the Installation shall include the activities specified in Table 1.1.

Table 1.1	
Activity listed in Schedule 1 of the EP Regulations/Associated Activity	Description of Specified Activity
Directly Associated Activity – Handling of raw materials	Handling of all raw materials including receipt through to sending material via a designated process route
Section 2.1 Part B(b)(ii): Melting of ferrous metal	Melting of ferrous metal in induction furnaces.
Section 2.1, Part A2(d): Casting ferrous metal at a foundry with a production capacity of more than 20 tonnes per day.	Casting of metal into sand moulds.
Directly Associated Activity: Mould manufacture	Sand mould manufacturing using an automated moulding machine fed by a sand plant. Green Sand moulds and Air-Set moulds are manufactured.
Directly Associated Activity: Core manufacture	Sand core manufacturing using the cold box method.
Directly Associated Activity: Knockout of castings and sand reclamation	Mechanical recovery of sand from around the casting and its preparation for reuse.
Directly Associated Activity: Finishing processes	Shot-blasting, fettling and grinding of castings.
Directly Associated Activity: Handling of waste materials	Handling of all waste materials prior to removal from site.

- 1.2 The activities specified in Table 1.1 shall not extend beyond the site, being the area shown as hatched on the site plan A2/P1 contained in Appendix 1 to this Permit.

- 1.3 If the Operator proposes to make a change in operation of the Installation, the Operator must, at least 28 days before making the change, notify the regulator in writing. 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.
- 1.4 The best available techniques (BAT) 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.
- 1.5 The Operator shall respond to any Information Notice served on them for the purposes of complying with their obligation to report pollutant releases and off-site waste transfers pursuant to the directly applicable EU duty in accordance with Article 5 of EC Regulation No 166/2006 concerning the establishment of a European Pollutant Release and Transfer Register. As a Permit condition, the failure to respond in accordance with such annual E-PRTR Information Notice will hereby constitute a breach of the Permit.

2.0 General Management and Administration

- 2.1 A copy of this Permit shall be available and freely accessible at the site of the Installation, at all times, for reference by all staff carrying out work subject to the requirements of the Permit.
- 2.2 The operator shall have an appropriate person (and deputy) as the primary point of contact with the Council and shall notify the Council in writing of the name of the appointed person (and deputy).
- 2.3 In the event of a different person being appointed to act as primary point of contact (or deputy) the Operator shall notify the Council in writing of the name of the appointed person (or deputy) without delay.
- 2.4 Without prejudice to the other conditions of this Permit, the Operator shall implement and maintain an Environmental Management System, implement an organisational structure and allocate resources that are sufficient to achieve compliance with the limits and conditions of this Permit. Any revisions to the Environmental Management System must be notified to the Council.

3.0 Emissions to Air

Part 3.0 of this Permit shall not apply to releases of odour, noise or vibration.

- 3.1 Contained emissions to air from the emission points in Table 3.1 shall only arise from the sources specified in that table.

Table 3.1		
Emission point reference/ description	Source	Location of emission point
A1- Coldbox (Phenolic urethane) core making	Fume from core making	Marked A1 on Appendix 2, A2/1/P2
A2- B.M.D. Shot blast	Extracted air from shot blast	Marked A2 on Appendix 2, A2/1/P2
A3- 4.5MW Medium Frequency Power Shaker induction furnace	Combustion gases	Marked A3 on Appendix 2, A2/1/P2
A4- Air Set Pouring	Casting fume	Marked A4 on Appendix 2, A2/1/P2
A5- Magnesium treatment	Fume from magnesium reaction	Marked A5 on Appendix 2, A2/1/P2
A7- Sand Filter serving the Airset knockout and thermal sand reclamation	Emissions from knockout and thermal sand processing	Marked A7 on Appendix 2, A2/1/P2
A23- Disamat robotic fettler	Fettling emissions	Marked A23 on Appendix 2, A2/1/P2
A28- Left hand thermal vent stacks from Megaldi casting cooler	Emissions from cooling casting	Marked A28 on Appendix 2, A2/1/P2
A29- Right hand Thermal vent stacks from Megaldi casting cooler	Emissions from cooling casting	Marked A29 on Appendix 2, A2/1/P2

- 3.2 The continuous indicative monitors fitted to emission points A2 and A7 shall be set to activate an alarm when the concentration of emissions detected indicate an increase above a reference level which has been set to represent abnormal emission or abatement plant malfunction. Details of the setting of such reference levels for each continuous monitor shall be maintained at the site and made available for inspection by any authorised officer of the Council.
- 3.3 The limits for emissions to air for the emissions and emission points set out in Table 3.2 shall not be exceeded:

Table 3.2				
Emission Reference Point	Emission	Limit	Type of Monitoring	Monitoring Frequency
A1 Coldbox (Phenolic urethane) core making	Triethylamine	5 _{ppm} v/v	Manual extractive test	When requested by an Officer of the Council
	Total Particulate Matter	20 mg/m ³	Extractive monitoring	Every 24 months
A2 B.M.D shot blast	Total Particulate Matter	20 mg/m ³	Continuously recorded indicative monitoring	Continuous
			Extractive monitoring	Once a year
A3 4.5 MW Medium Frequency Power Shaker induction furnace	Total Particulate Matter	20 mg/m ³	Continuously recorded indicative monitoring	Continuous
			Extractive monitoring	Every 24 months
A4 Air set pouring	Total Particulate Matter	20 mg/m ³	Extractive monitoring	Every 24 months
A5 Magnesium treatment	Total Particulate Matter	20 mg/m ³	Extractive monitoring	Every 24 months
A7 Sand Filter serving the Air set knockout and thermal sand reclamation	Total Particulate Matter	20 mg/m ³	Continuously recorded indicative monitoring	Continuous
			Extractive monitoring	Every 24 months
	Total non-methane VOC	30 mg/m ³	Manual extractive test	When requested by an Officer of the Council
A23 Disamat robotic fettler	Total Particulate Matter	20 mg/m ³	Extractive monitoring	Once a year
A28 Left hand thermal vent stacks from Megaldi casting cooler	Total Particulate Matter	20 mg/m ³	Extractive monitoring	Every 24 months
A29 Right hand thermal vent stacks from Megaldi casting cooler	Total Particulate Matter	20 mg/m ³	Extractive monitoring	Every 24 months

- 3.4 All operations which generate emissions to air shall be adequately contained and exhausted or extracted to arrestment plant, if necessary, capable of meeting the emission limits stipulated in Condition 3.3.
- 3.5 All emissions from combustion process shall under normal operation be free from visible smoke and in any case shall not exceed the equivalent of Ringelmann Shade 1 as described in British Standard 2742:1969.
- 3.6 All emissions to air shall be colourless, free from persistent visible emissions and free from droplets.
- 3.7 The Operator shall carry out all operations in such a manner that fugitive emissions of substances to air from the Permitted Installation are minimised.
- 3.8 The introduction of dilution air to achieve emission concentration limits contained within this Permit is not permitted. Exhaust flow rates shall be consistent with the efficient capture of emissions and good operating practices.
- 3.9 Exhaust gases discharged through a stack shall achieve an exit velocity greater than 15m/sec during normal operating conditions to achieve adequate dispersion.
- 3.10 An emissions monitoring programme shall be implemented which ensures that emissions to air from contained release points specified in Table 3.2 shall be monitored in accordance with the requirements detailed in that Table unless otherwise agreed in writing with the Council. Non-continuous monitoring shall be undertaken within 12 months of the date of issue of this Permit and according to the frequency specified in Table 3.2 thereafter.
- 3.11 When recording the results of the non-continuous monitoring, undertaken in accordance with Condition 3.10, the concentrations of the substances shall be expressed at reference conditions 273.15K (0°C), pressure 101.3 kPa (1 atmosphere), measured wet, with no correction for water vapour.
- 3.12 Monitoring equipment, techniques, personnel and organisations employed for emissions monitoring to be undertaken in accordance with Condition 3.10 shall have either certification or accreditation under the Environment Agency's Monitoring Certification Scheme (MCERTS) unless otherwise agreed in writing with the Council.

- 3.13 The Operator shall notify the Council in writing at least 21 days before its commencement of any periodic monitoring exercise to determine compliance with emission limit values. The notification shall include the name and address and any other relevant details of the person(s) or company engaged to undertake the monitoring exercise; the time, and date, on which the monitoring exercises are scheduled to begin, together with a full specification of the monitoring programme including the proposed sampling and analysis techniques.
- 3.14 During the monitoring exercise the process being monitored must be operated under normal conditions, at full capacity and unless otherwise instructed by Officers of the Council, the monitoring shall be undertaken over the whole production cycle.
- 3.15 The results of non-continuous monitoring of emissions undertaken in accordance with Condition 3.10 shall be forwarded to the Council within 28 days of the completion of the monitoring unless otherwise agreed. A record shall be maintained of these results in accordance with Condition 6.6 of this Permit.
- 3.16 The Installation shall be observed for any visible emissions to air once per shift for a period of at least five minutes. The observations shall be made from a position providing an unobstructed view of the point of the emissions to air by a responsible person who has been instructed to carry out these duties. A record of all observations shall be kept in accordance of Condition 6.6. The records shall include an assessment of the nature and severity of any emission observed, the source of emissions to air, details of any corrective action taken and the identity of the person making the record.

4.0 Discharges to Water

- 4.1 The Council shall be notified of any changes, including cancellation, to the discharge consent issued by Severn Trent PLC (Ref: 005714V) and the consent issued by British Waterways (Ref: C1-3- Stourbridge Canal) within 14 days of the formal notification.
- 4.2 The Council shall be notified of any new discharge consents issued by the relevant Sewerage or Water Undertaker, or the Environment Agency or British Waterways within 14 days of the issue of the consent.

5.0 Protection of Land and Groundwater

- 5.1 No material which adversely affects the state of the site from the information which was reported to the Council, as part of the Site Report submitted with the application for this Permit, shall be deposited onto or into land.
- 5.2 The Operator shall notify the Council, as soon as practicable, of any information concerning the state of the site which affects or updates that provided to the Council as part of the Site Report submitted with the application for this Permit.
- 5.3 No emission from the Permitted Installation shall give rise to the introduction into groundwater of any substance in List I (as defined in the Groundwater Regulations 1998 (S.I. 1998 No. 2746))
- 5.4 No emission from within the Permitted Installation shall give rise to the introduction into groundwater of any substance in List II (as defined in the Groundwater Regulations 1998 (S.I. 1998 No. 2746)) so as to cause pollution (as defined in the Groundwater Regulations 1998 (S.I. 1998 No. 2746)).
- 5.5 The Operator shall maintain plans that identify the configuration and specification of all drains and subsurface pipe-work and the position and purpose of all sub-surface sumps and storage vessels that are used or have been used within the site from the date of issue, 10th November 2008, until the Permit is surrendered.
- 5.6 All operational areas where there are tanks containing substances whose spillage or leakage could have an adverse effect on the environment, shall be contained using a construction designed and maintained to prevent the release of the substance to land, surface water and groundwater in the event of a leakage or spillage. All bunds for this purpose shall be:
- (a) designed to capture spillages from tanks and associated fittings, including delivery connections;
 - (b) resistant and impermeable to the stored liquids;
 - (c) have associated pipe work routed within bunded areas without penetration of contained surfaces
 - (d) have a capacity of 110% of the largest tank
- 5.7 Storage tanks shall be fitted with high-level alarms or volume indicators which activate to warn of overfilling. Any activation of the alarms or volume indicators shall be fully investigated and remedial action immediately taken. All instances of activation of the alarm or volume indicator shall be recorded in the records required to be kept in accordance with Condition 6.6.

- 5.8 The Site Protection Plan dated 2nd June 2008 which has been submitted to the Council shall be maintained. The Plan shall include an assessment of the Pollution Prevention Measures for the Installation to prevent the emission of pollutants to land and a programme of improvements and maintenance to ensure the effectiveness of the Pollution Prevention Measures at the site throughout the life of the Installation. The plan shall make reference to the Site Investigation Reports referenced in Condition 5.1 of this Permit and any amendments reported to the Council in accordance with the aforesaid condition. A review of the plan and a description of progress against the programme shall be submitted to the Council at least every two years thereafter. If revisions to the plan are made at anytime these shall be submitted to the Council within two months of the revision being made.
- 5.9 As part of the Site Protection Plan required by Condition 5.8 the Operator shall maintain a record of any incident that has, or might have, impacted on the condition of any soil or groundwater including the soil or groundwater under the site, either as a result of that incident or as a result of an accumulation of incidents, together with a record of any further investigation or remediation work carried out.

6.0 Training, Maintenance and Records

Training

- 6.1 The Permitted Installation shall be supervised by staff who are suitably trained and fully conversant with the requirements of this Permit.
- 6.2 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. Particular emphasis shall be given to training for awareness of environmental impacts under normal and abnormal circumstances; dealing with breaches of permit conditions; preventing and responding to accidental emissions; and the decommissioning, maintenance, cleaning and repair of plant and equipment.
- 6.3 The Operator shall maintain a record in accordance with Condition 6.6 of the skills and training requirements for all staff whose task in relation to the Permitted Installation may have an impact on the environment and shall keep records of all relevant training.

Maintenance

- 6.4 The Operator shall maintain and implement written procedures to ensure that regular cleaning and effective preventative maintenance in accordance with the manufacturer's instructions is employed on all plant, equipment and technical means concerned with the production, capture, transport, control and exhaust of emissions which could lead to an adverse impact on the environment. A record of relevant maintenance shall be made in the records required to be kept in accordance with Condition 6.6.
- 6.5 Essential spares and consumables shall be held on site or shall be available from a guaranteed supplier at short notice so that plant breakdown can be rectified rapidly.

Records

- 6.6 The Operator shall ensure that all records required to be made by this Permit and other records made by it in relation to the operation of the Installation shall:
- (a) be made available for inspection by the Council at any reasonable time;
 - (b) be supplied to the Council 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 Installation, or other location agreed by the Council in writing, for a minimum period of 4 years from the date when the records were made, unless otherwise agreed in writing.

7.0 Resource Utilisation

Raw Materials

- 7.1 An inventory of the principal raw materials used shall be submitted to the Council annually. The inventory shall also include a review of the whether there are suitable alternatives for the principal types of raw materials to reduce their environmental impact.

Water Use

- 7.2 A review of the water use efficiency audit and action shall be undertaken by 31st March 2010 and a description of progress against the action plan shall be submitted to the Council at least every four years thereafter.

8.0 Waste Management

Waste Minimisation

- 8.1 A review of the waste minimisation audit and action plan shall be carried out by 31st March 2010 and a description of progress against the action plan shall be submitted to the Council at least every four years thereafter.

Waste Handling

- 8.2 The operator shall maintain and implement a system which ensures that a record is made of the quantity, nature, origin and where relevant, the destination, frequency of collection, mode of transport and treatment method of any waste which is disposed of or recovered. Records shall be kept in accordance with Condition 6.6.
- 8.3 The operator shall design, maintain and operate all facilities for the storage and handling of waste on site such that there are no releases to water or land during normal operation and emissions to air and the risk of accidental release to water or land are minimised.

Waste re-use, recovery, recycling or disposal

- 8.4 Waste produced at the Permitted Installation shall be re-used, recovered or recycled unless technically and/or economically impossible.
- 8.5 The Operator shall undertake an annual review to demonstrate that the best environmental options are being used for dealing with all waste from the Installation. A report of the review shall be submitted to the Council within 2 months of the completion of the review.

9.0 Energy Efficiency

- 9.1 The Operator shall make available to the Council upon request a report on the energy consumption of the Installation over the previous calendar year. The report shall also detail the energy consumption in terms of energy used per tonne of throughput, which may be in terms of tonnes of metal cast or tonnes of product, provided that the same unit is used for each annual report for comparative purposes.
- 9.2 The operator shall monitor energy use and target areas for reducing energy use which shall be updated annually.
- 9.3 The Operator shall design, maintain, and operate the Installation so as to secure energy efficiency, taking into account relevant guidance including the Environment Agency's Energy Efficiency Horizontal Guidance Note H2 as from time to time amended.
- 9.4 The Operator shall inform the Council of any changes to the Climate Change Agreement held by the Installation.
- 9.5 In the event of a cessation of the Climate Change Agreement covering the Permitted Installation, the operator shall notify the Council in writing of any such cessation within one month of its occurrence.

10.0 Incidents

- 10.1 The operator shall maintain and implement when necessary an Accident Management Plan that identifies the significant hazards, assesses the risks and identifies the measures required to reduce the environmental impact of potential accidents. The plan shall identify the actions to be taken to reduce the hazards; and the actions to deal with such occurrences so as to limit their consequences. The plan shall be reviewed every 2 years or after an incident, whichever is the earlier, and the Council notified of the results of the review within 2 months of its completion.
- 10.2 The Operator shall maintain and implement written procedures to ensure that any malfunction, breakdown or accident which results in emissions which are likely to cause an adverse effect on the environment are immediately investigated, reported to the Council and prompt remedial action taken to prevent or minimise further emissions to the environment. A record of these incidents shall be made and kept in accordance with Condition 6.6.

11.0 Activity Controls

- 11.1 Spillages of liquids and dusty materials shall be cleaned up immediately. Liquid spillages shall be contained and removed by the use of a suitable absorbent material. Spillages of dusty materials shall be removed by a method, which prevents or minimises dust emissions. Dry sweeping shall not be permitted.
- 11.2 Accumulations of waste particulate matter shall be collected and transported around the site in covered containers or sealed bags and stored whilst awaiting removal for disposal in covered containers or sealed bags within a waste materials skip or inside an enclosed building. Uncovered skips containing waste materials shall be damped down to prevent the fugitive emission of dust.
- 11.3 The water spray system installed in the external material disposal area at the north site shall be checked once per day for operational efficiency and, where necessary, repaired or modified to enable full compliance with the requirements of this Permit.
- 11.4 Drums and containers containing liquid materials, whether full, partly full or empty, shall be kept tightly closed to prevent any emissions to air.
- 11.5 Raw materials shall be damped down or sheeted over to prevent or minimise emissions of particulate matter to air.
- 11.6 The raw materials used in the installation and all waste materials produced from the installation shall be delivered, stored and handled with care to prevent or reduce to an absolute minimum any emissions of particulate matter to air.

12.0 Noise and Vibration

- 12.1 The Installation shall be constructed, operated and maintained as to prevent or where that is impractical to reduce noise and vibration beyond the site boundary.

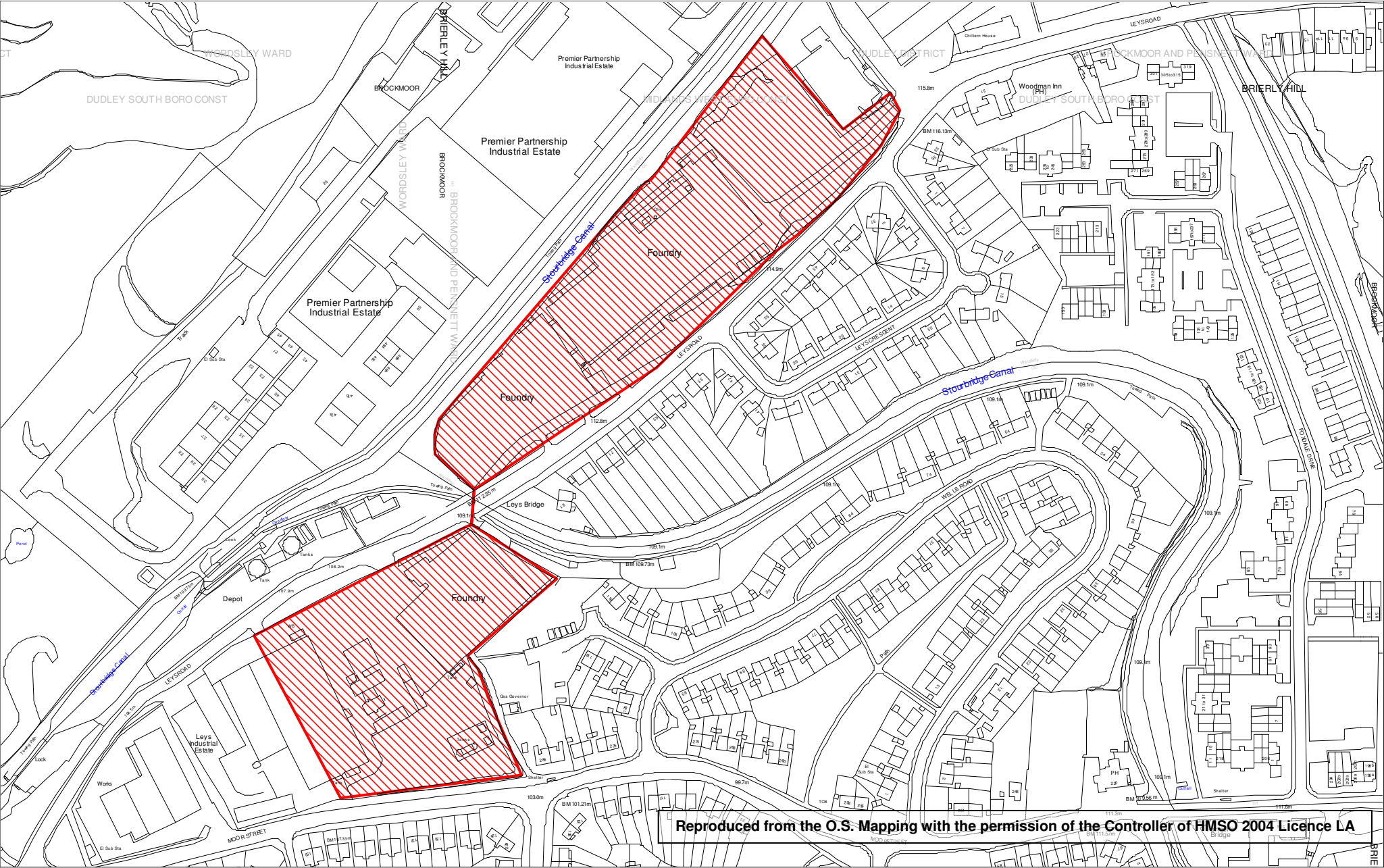
- 12.2 The Operator shall conduct an assessment in accordance with BS 4142:1997 – “Method for Rating Industrial Noise Affecting Mixed Residential and Industrial Areas” prior to the commissioning of any new plant/equipment and/or the implementation of any change to working operations or variation to hours of operation that could adversely alter the noise profile of the Installation. The assessment report shall be submitted to the Council for approval within one month of completion of the assessment together with any proposals for mitigation/attenuation measures
- 12.3 At least every 2 years, the operator shall carry out a systematic assessment of environmental noise and vibration emissions associated with the permitted activities, the purpose of which shall be to identify methods of reducing noise and vibration emissions. The assessment shall be conducted in accordance with BS 4142:1997 – “Method for Rating Industrial Noise Affecting Mixed Residential and Industrial Areas”. Each assessment shall be recorded and reported to the Council.

13.0 Cessation of Activities

- 13.1 The operator shall maintain a site closure plan to demonstrate that the Installation can be decommissioned avoiding any pollution risk and returning the site of operation to a satisfactory state. The plan shall also set out the steps to be taken by the Operator after the final cessation of the Permitted Activities.
- 13.2 If there is an intention to cease all or any part of the Permitted Activities for any period exceeding 12 months the Operator shall notify the Council of its intention within 3 months prior to the proposed date of cessation.
- 13.3 The site closure plan shall be implemented upon final cessation or decommissioning of all or any significant part of the Permitted Activities.

End of Permit Conditions

Appendix 1 - Site Plan (A2/P1) The Brockmoor Foundry Company Limited





Explanatory Note to Environmental Permit (This note does not form a part of the Permit)

The enclosed Permit is issued under Regulation 13 of the Environmental Permitting (England and Wales) Regulations 2007 (S.I. 2007 No.3538), to operate an installation carrying out activities covered by the description in Section 2.1, Part A2 of Part 2 Schedule 1 of the EP Regulations, to the extent permitted by the Permit.

Best Available Techniques (BAT)

Aspects of the operation of the installation which are not regulated by specific conditions of the Permit are subject to the general condition included in the Permit requiring the operator to use BAT to prevent or reduce emissions that are not covered by specific permit conditions.

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.

The determination of what constitutes BAT is made on a case-by-case basis however where Process Guidance Notes are available these will be used as the baseline for what is BAT. Formal definitions of BAT can be found in the IPPC Directive.

Process Changes

The Permit contains a condition requiring you to notify the Council of any proposed change in operation at least 28 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 to the permitted activity. Failure to do so is an offence. It is also good practice to notify the Council of any administrative changes, such as the name or address of the operator.

Variations to the Permit

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 of the EP Regulations. Additionally, if this involves a SUBSTANTIAL CHANGE (A change in operation which, in the opinion of the Council may have significant negative effects on human health or the environment) to the installation you will be required to submit an application, pay the relevant fee and the application will be subject to publicity and consultation.

The Council may decide that the existing permit conditions require amendment without receiving any notification or an application for variation from the operator. This is most likely to occur when the Council has conducted a periodic review in accordance with EP regulation 34 or in the light of revised guidance from Defra. The Council will serve a Variation Notice under EP Regulation 20 on the Operator and may issue a consolidated Permit under EP Regulation 18.

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 EP Regulation 21. A transfer will be allowed unless Dudley Metropolitan Borough Council considers that the proposed holder will not be the person who will have

control over the operation of the installation or will not operate the installation in accordance with the Permit.

Annual Subsistence Fee

Operators must pay an annual subsistence fee for the Permit in accordance with EP Regulation 65. This fee is payable annually on 1st April and the level of the subsistence fee payable is contained within the relevant charging scheme issued annually by the Secretary of State. The charging scheme is risk based for all standard activities (i.e. not dry cleaning, petrol stations, small waste oil burners and vehicle refinishers). The risk-based method uses a point scoring method and applies a low, medium or high risk rating to activities operating at an installation. The resulting subsistence fees are proportionate to the risk rating.

You will receive an invoice each year with respect to this payment and you are advised that if prompt payment of the fee is not forthcoming, Dudley Metropolitan Borough Council may revoke your Permit under EP Regulation 22.

Public Register

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

**Dudley Metropolitan Borough Council,
Directorate of the Urban Environment,
Claughton House,
Blowers Green Road,
Dudley
DY2 8UZ**

Confidentiality

An operator may request certain information in relation to the Permitted installation to remain confidential and not to be placed on the Public Register for reasons of National Security or commercial or industrial confidentiality. The operator must provide clear justification for each item he or she wishes to be kept from the register. Dudley Metropolitan Borough Council must consider and determine all requests of confidentiality of information in accordance with EP Regulation 51.

Talking to Us

Any communication with Dudley Metropolitan Borough Council with respect to this Permit should quote the Permit Reference Number, and should be made to:

**Dudley Metropolitan Borough Council,
Directorate of the Urban Environment,
Claughton House,
Blowers Green Road,
Dudley
DY2 8UZ**

Email: Enviroprotect.DUE@dudley.gov.uk

Telephone: 01384 814685

Fax: 01384 815599



Appeals

Under Regulation 31 of the EP Regulations operators have the right of appeal against the conditions contained within their permit. An appeal does not have the effect of suspending the Permit conditions.

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

How to Appeal

There are no charges for making an appeal, application forms can be obtained from <http://www.planning-inspectorate.gov.uk/pins/environment/enviromeny/index.htm>

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
Environment Team, Major and Specialist Casework
Room 4/04 – Kite Wing
Temple Quay House
2 The Square
Temple Quay
Bristol BS1 6PN**

0117 372 8726

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.