

PERMIT REFERENCE: PPC 163
Mineral Improvements Ltd

Pollution Prevention and Control Act 1999
Pollution Prevention and Control (England and Wales)
Regulations 2000 as amended

Process Address	1 Rye Hill Office Park Birmingham Road Allesley Coventry CV5 9AB
Process Type	Mobile crusher
Current Operator	Mineral Improvements Ltd
Previous Operator	n/a
Date of Application	1 st April 2004
Date Permit Issued	10 th November 2004

**POLLUTION PREVENTION & CONTROL ACT 1999
POLLUTION PREVENTION & CONTROL (ENGLAND AND WALES) REGULATIONS
2000**

DOCUMENT A : PERMIT

Mineral Improvements Ltd

Reference Number **PPC/163**

Coventry City Council ("the Council") in accordance with Section 10(2) of the Pollution Prevention & Control (England and Wales) Regulations 2000 ("The Regulations"), hereby permits:

Mineral Improvements Ltd

Whose registered office is:

**Kings Business Centre
90 – 92 King Edward Road
Nuneaton
CV11 4BB**

to operate a Part B installation involving a mobile mineral activity, as prescribed in Section 3.5 Part B (c) and (d) of Schedule 1 to The Regulations, from its' regional office:

**1 Rye Hill Office Park
Birmingham Road
Allesley
Coventry
CV5 9AB**

The permit is subject to the conditions specified in this document consisting of 9 pages and comprising documents A, B and C, and Appendix 1.



Alan Bennett, Head of Environmental Health
A person authorised to sign on behalf of the Council

Dated24 February 2004.....

SCOPE

The installation comprises not just any relevant unit carrying out a Part B activity listed in Schedule 1 to the Regulations, but also directly associated activities which have a technical connection with that activity and which could have an effect on pollution.

Technical Guidance documents used in the preparation of this document:

- Secretary of States Guidance Note PG3/16(96) – Mobile Crushing and Screening Processes
- Secretary of State's Guidance – General Guidance Manual on Policy and Procedures for A2 and B installations. ISBN 0-85521-028-1

Date Annual Fee Required: 1st April of each financial year

Date For Full Compliance: Date permit issued

Permit Prepared By: Bill Faulks, checked by Rachel King

LEGISLATION

1. Pollution Prevention and Control Act 1999.
2. Pollution Prevention and Control Regulations 2000 as amended, schedule 1 as amended

BRIEF DESCRIPTION OF THE INSTALLATION REGULATED BY THIS PERMIT

Definitions referred to in this permit

- An **Activity** is an industrial activity forming part of an installation. Different types of activity are listed within Schedule 1 of the PPC Regulations and are broadly broken down into industrial sectors. Other “associated” activities may also form part of an installation.
- An **Installation** comprises not just any relevant unit carrying out a B activity listed within Schedule 1 to the PPC Regulations, but also directly associated activities which have a technical connection with a schedule 1 activity and which could have an effect on pollution.
- An **Operator** is the person (eg a company or individual) who has control over the operation of an installation.
- **Authorised Officer** shall mean an officer authorised to carry out duties under the Pollution Prevention and Control Act 1999 and subordinate regulations
- **Logbook** shall mean any electronic or paper means of storage of the required information as agreed by the regulator
- **Local Authority** shall mean Coventry City Council

Description of Installation

Raw materials are fed into the crusher machine hopper by wheeled loader or hydraulic excavator.

Raw materials are then screened to remove smaller sizes of material determined by the customer using a scalping screen. Such removed product is discharged via conveyors onto a stockpile, whilst the remaining larger sized materials continue into the crushing area of the machine.

Larger fragments of material are then crushed using adjustable width jaws.

The final product of crushed particles is discharged onto a conveyor to produce final product stockpiles.

Table 1**List of Process Areas within the Installation and Associated Emission Points, Pollutants of Concern and Abatement Plant Required**

Row	Area/Machinery Identification	Pollutants Emitted	Emission Limits	Abatement Plant Required
1	Powerscreen Chieftan 1400 Screen Ser. No. (66 04 384) Powerscreen Chieftan 1400 Screen Ser. No. (66 04 348) Powerscreen Chieftan 1400 Screen Ser. No. (66 04 892) Powerscreen Chieftan 1400 Screen Ser. No. (66 04 501) Powerscreen Chieftan 1400 Screen Ser. No. (66 07 255) Powerscreen Chieftan 1400 Screen Ser. No. (66 04 852) Powerscreen Chieftan 1400 Screen Ser. No. (66 06 373) Powerscreen Chieftan 1400 Screen Ser. No. (66 08 245) Powerscreen Chieftan 1400 Screen Ser. No. (66 08 623) Powerscreen Chieftan 1400 Screen Ser. No. (66 10 180) Powerscreen Chieftan 1400 Screen Ser. No. (66 11 796) Powerscreen Chieftan 1400 Screen Ser. No. (66 11 368) Powerscreen Chieftan 1400 Screen Ser. No. (66 11 485) Powerscreen Chieftan 1400 Screen Ser. No. (66 11 476) Powerscreen Chieftan 1800 Screen Ser. No. (120 01 828) Powerscreen Chieftan 1800 Screen Ser. No. (120 00 910) Powerscreen Chieftan 1800 Screen Ser. No. (120 01 414) Powerscreen Chieftan 1800 Screen Ser. No. (120 02 107) Powerscreen Chieftan 1800 Screen Ser. No. (120 02 080) Powerscreen Warrior 1400 Ser. No. (122 00 271) Kleemann 102 Crusher Ser. No. (40089005) Kleemann 122 Crusher Ser. No. (400893) Kleemann 122 Crusher Ser. No. (400484) Pilot Twister AC08 Ser. No. (10101020213) Pegson 1000 Maxtrack Crusher Ser. No. (QM018029) Pegson 1000 Maxtrack Crusher Ser. No. (QM014283) Pegson 1100x800 Premier Crusher Ser. No. (QM20476) Powerscreen Powertrack 800 Ser. No. (72 18 621) Powerscreen Chieftain 1400 Screen Ser. No. (66 11 656) Powerscreen Chieftain 1400 Screen Ser. No. (66 11 737) Powerscreen Chieftain 1400 Screen Ser. No. (66 12 016) Powerscreen Powertrack 800 Screen Ser. No. (72 19 935) Kleeman Reiner 122 Crusher Ser. No. (4040031) Pegson 1000 Maxtrack Crusher Ser. No. (QM022048)	Particulates	None	Water suppression as required by clauses 2.1 & 2.2

DOCUMENT B

CONDITIONS

All conditions shall have immediate effect unless stated otherwise.

1.0 MONITORING OF EMISSIONS

- 1.1 Visual assessments of dust emissions from the Crusher and screens shall be made once per day whilst the machine is in operation.
- 1.2 Results of the visual assessment required by clause 1.1 shall be recorded on the weekly plant sheet, appended to this permit. The weekly plant sheets shall be made available on request to the Local Authority Inspectors in which the machine is operating or this Local Authority, and shall be retained by the operator for a minimum period of 2 years.
- 1.3 Any adverse results from the visual assessments required by clause 1.1 shall be investigated immediately, and recorded on the weekly plant sheet. Crushing operations shall cease and not continue until the cause of the adverse emission has been identified and remedial action taken. Remedial action shall be recorded on the weekly plant sheet.
- 1.4 Where in the opinion of the Local Authority Inspector there is repeated evidence of airborne dust deposition off site, the operator shall carry out monitoring to identify the source of the dust in accordance with BS1747 part 1.
- 1.5 Monitoring to demonstrate compliance with clause 1.4 shall not take place without the prior approval of the Local Authority Inspector. Prior to monitoring the operator shall notify the Local Authority Inspector of the monitoring methods to be used, including the provisional start date of monitoring.
- 1.6 Results of monitoring to demonstrate compliance with clause 1.4 shall be made available on request by the Local Authority Inspector, and forwarded to this Local Authority within 8 weeks of the completion of sampling.

2.0 PROCESS OPERATIONS

- 2.1 An adequate supply of water shall be available to the crusher machine during operation and used for dust suppression if the operator deems this to be necessary following the visual checks of clause 1.1.
- 2.2 Water spray dust suppression equipment shall be fitted to the machine feed hopper and the final discharge points and maintained in use during operation of the crusher machine where water dust suppression is utilised.

- 2.3 The final size discharge conveyor and stockpile discharge conveyor shall be fully enclosed if there are visible dust emissions from the crusher.
- 2.4 The height of the product stockpile shall be maintained to within a minimum of 01 metre of the height of the discharge point from the machine conveyor.
- 2.5 The water spray, dust suppression equipment shall be maintained in full working order whilst in operation and shall have adequate frost protection.
- 2.6 If water dust suppression is utilised, in the event of any interruption of the water supply crushing operations shall cease until adequate water supply has been restored.
- 2.7 Maintenance checks of the water spray dust suppression equipment shall be carried out weekly with any faults noted and repairs undertaken, being recorded on the weekly plant sheet and be made available to the Local Authority Inspector on request. Records kept in accordance with this clause shall be retained by the operator for a minimum of 2 years.
- 2.8 At least two weeks prior to operation of the process the operator must notify the local authority of the location and identity of the machinery to be used from the selection in Table 1.
- 2.9 Only machinery listed in Table 1 is approved for use under this permit.

3.0 GENERAL OPERATIONS

- 3.1 Any malfunction or breakdown resulting in abnormal emissions shall be investigated immediately and normal operations shall only continue once the fault has been rectified. All such malfunctions or breakdowns shall be recorded on the weekly plant sheet outlined in clause 1.2.
- 3.2 Any malfunction or breakdown resulting in emissions which are likely to affect the local community shall be reported to this Local Authority immediately.
- 3.3 The operator shall notify this Local Authority of the location of the crusher machine at least 48 hours prior to its operational use at any location.
- 3.4 A copy of this permit shall be kept with the crusher machine at all times during its transport to and use at any location.
- 3.5 The operator shall supply to this Local Authority, on demand and without charge, a copy of all or part of the records kept in accordance with this permit.
- 3.6 The operator shall supply to this Authority, on demand and without charge, a copy of all or part of the records required to be kept by this permit.
- 3.7 The operator shall undertake regular cleaning and preventative maintenance including inspection and repair/replacement on all plant and equipment concerned with the emission, capture, transport and control of emissions to atmosphere. Where necessary manufacturers guidelines shall be used to determine the regularity of maintenance. Records of preventative maintenance including inspections and any

works undertaken shall be kept on site and made available to the local authority inspector on request.

- 3.8 Spares and consumables for plant and equipment used in the installation in particular that subject to continual use or wear shall be held on site or shall be available at short notice. Such plant or equipment shall not be used unless that plant or equipment is capable of working in accordance with the conditions of this permit.
- 3.9 Staff at all levels shall receive the necessary training and instruction in their duties relating to control of the activities and emissions to air. Records shall be kept which details all relevant training provided to staff, and these records shall be kept for a minimum of 2 years.
- 3.10 If there is any intention to change any aspect of the prescribed installation from the description contained in the beginning of this permit, or any other aspect which may affect the substances or concentration or amount of substances being emitted to atmosphere, the operator shall notify the regulator of the proposed changes at least 4 weeks in advance before the changes take place.

DOCUMENT C

RESIDUAL DUTY

In relation to any aspect of the installation not regulated by specific conditions in this permit then Best Available Techniques shall be used:

For the purposes of the Pollution Prevention and Control (England and Wales) Regulations 2000, “best available techniques” 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 basis for emission limit values designed to prevent and, where practicable, generally to reduce emissions and the impact on the environment as a whole; and for the purpose of this definition –

- a) “available techniques” means those techniques which have been developed on a scale which allows implementation in the relevant industrial sector, in the 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;
- b) “best” means, in relation to techniques, the most effective in achieving a high general level of protection of the environment as a whole;
- c) “techniques” includes both the technology used and the way in which the installation is designed, built, maintained, operated and decommissioned.

Appendix 1

SUPPLEMENTARY NOTES

These notes do not comprise part of the Permit PPC/163 but contain guidance relevant to the Permit.

Inspections and Powers of Entry

Regular inspections will be carried out by officers of the Council (the Local Authority Inspectors) to check and ensure full compliance with the Permit conditions and residual duties. These inspections may be carried out without prior notice.

Under section 108(6) of the Environment Act 1995 authorised Local Authority Inspectors have been granted powers of entry into any premises for the purposes of discharging relevant duties.

Reviews

The Local Authority has a statutory duty to review the permit at least once every 6 years or in the following circumstances set out in regulation 15 of the Pollution Prevention and Control regulations 2000:

- a) The pollution from the installation is of such significance that the existing emission limit values for the permit need to be revised or new emission limit values need to be included in the permit
- b) Substantial changes in BAT make it possible to reduce emissions from the installation or mobile plant significantly without imposing excessive costs; or
- c) Operational safety of the activities carried out in the installation or mobile plant requires other techniques to be used

Health and Safety

This Permit is given in relation to the requirements of the Pollution Prevention and Control (England and Wales) Regulations 2000. It must not be taken to replace any workplace responsibilities the operator has under Health & Safety legislation. Whenever emission limits quoted in this Permit conflict with occupational exposure limits set under the Health and Safety at Work Act 1974 to secure the health, safety or welfare of persons at work, the tighter limit should prevail.

Installation must be operated in order to protect persons at work as well as the environment. In achieving conditions in this Permit the operator must not adopt any course of action that would put at risk the health, safety or welfare of persons at work.

Other Statutory Requirements

This Permit does not detract from any other statutory requirement, such as the need to obtain planning permission, hazardous substances consent, discharge consent from the Environment Agency, building regulations approval, or a waste disposal licence.

This Permit does not authorise a contravention of any other enactment or any order made, granted or issued under any enactment, nor does it authorise a contravention of any rule or breach of any agreement.

The Operator is advised to consult the relevant Planning Department regarding changes that may be required as a result of this Permit (e.g. stack heights) as they may require planning permission.

Transfer of Permits

Where the operator of an installation wishes to transfer, in whole or in part, his permit to another person, the operator and the proposed transferee shall jointly make an application to the regulator to effect the transfer. Such an application shall be accompanied by the permit and any fee prescribed in respect of the transfer.

In the case of partial transfer, where the original operator retains part of the permit, the application must make clear who will retain control over the various parts of the installation. The application must include a plan identifying which parts of the site and which activities the operator proposes transferring.

The local authority will then determine whether to allow the transfer within a two-month period, unless the local authority and the applicants agree a longer period. Where the local authority approves the transfer, the transfer will take effect from the date requested by the operator or a date that may be agreed by the local authority and the applicants.

Variation to Permits

Variation to permits may be initiated either by the local authority or the operator, either in response to changes in the operation of an installation or if new conditions are needed to deal with new matters. Variations may be required in response to the following.

- Change of operation of the installation. (The operator shall notify the local authority under Section 16(1) of the Regulations.)
- In response to the findings of a periodic review of conditions.
- In response to the findings of an inspection.
- New or revised sector guidance notes

The operator should apply to the Local Authority in order to vary a permit under regulation 17 of the Regulations. The application must be in writing and, in accordance with Part 1 of Schedule 7 to the Regulations contain:

- The name, address and telephone number of the operator.
- The address of the installation.
- A correspondence address.
- A description of the proposed changes.
- An indication of the variations the operator would like to make.
- Any other information the operator wants the authority take account of.

Substantial Change

A substantial change means, in relation to an installation, a change in operation, which in the opinion of the local authority may have significant negative effects on human beings or the environment.

Where the local authority deems that a proposed variation constitutes a substantial change, the operator will be informed of the process to follow.

Noise

This Permit does not include reference to noise. Statutory noise nuisance is regulated separately under the provisions of Part III of the 1990 Act.

Appeals

An Appeal can be made against the conditions in, or variations to this Permit as per Part IV of the Regulations. Appeals are made to the Planning Inspectorate who acts on behalf of the Secretary of State. Appeals against conditions within a Permit must be submitted within 6 months of the date of issue of the permit. Appeals against variation notices must be submitted within 2 months of the date of issue of the notice. Appeals should be despatched on the day they are dated and sent to:

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

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