

**ENVIRONMENTAL PROTECTION ACT 1990, Part I**

The Environmental Protection (Prescribed Processes and Substances) Regulations 1991  
The Environmental Protection (Applications, Appeals and Registers) Regulations 1991

See Notes on pages 3 and 4 before completing this form.

**APPLICATION FOR AUTHORISATION to carry out prescribed process under section 6 of the Environmental Protection Act 1990**

To (1) HUNTINGDON DIST COUNCIL Council

1 Name and address of applicant (2) (in the case of a registered Company, name, number and registered office)

MICK GEORGE HAULAGE LTD.  
Second Drive, Meadow Lane  
St Ives, Huntingdon

REG NO 2417831

Tel.No.

2 Name and address of premises where process is or will be carried on (not applicable to mobile processes)

Telephone: (0480) 498099

Tel.No.

3 In the case of mobile plant, name and address of the principal place of business

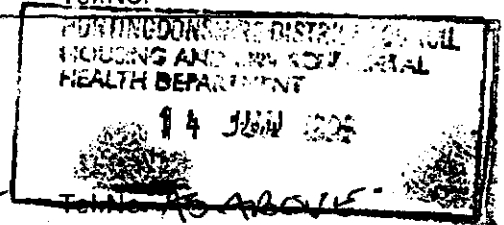
BROWN LONDON 120 CRUSTON + ASSOCIATED PLANT

AS ABOVE

Tel.No.

4 Address for correspondence relating to the application

AS ABOVE



Contact name

ROY ROBERTS | M.E. GEORGE

5 List of maps or plans enclosed with the application showing the location of the premises where the process is or will be carried on.

TITLE

Reference No.

DRAWING NO SIF/42A LOCATION  
DRAWING NO ASCA/92/9/RM DEPOT

Where the process is or will be carried on on only part of the premises whose address is given at 2 above, describe which part of the premises and list the plan(s) which identify(ies) this part or these parts.

6 Describe the prescribed process (3) (use a continuation sheet if necessary)

CROSTING OF CONCRETE + BRICK FOR USE AS  
GENERAL HARD CORE ETC, RANGING IN SIZES  
FROM 6 INCH DOWN.

7 When was the plant first installed? 20/6/96.

Please also give the details and dates of any major modifications or improvements which have been carried out.

NONE

8 List the prescribed substances (and any other substances which might cause harm) used in connection with or which might be released into the air resulting from the prescribed process.<sup>(4)</sup>

ONLY DUST GENERATED BY THE CONCRETE/BRICK BEING CRUSHED BY THE CRUSHING PLANT.

9 Describe the techniques to be used for preventing releases into the air of substances listed above, for reducing such substances to a minimum and for rendering harmless any such substances that are released.<sup>(5)</sup> (use a continuation sheet if necessary and attach drawings of plant and equipment, where appropriate)

WHERE VISUAL ASSESSMENTS SHOW A HIGH RELEASE OF DUST TO THE AIR, THE MATERIAL WILL BE DAMPENED DOWN WITH WATER.

10 Give details of the source, nature and amount of current and/or anticipated emissions to air from the process. (use a continuation sheet if necessary)

PARTICULATE MATTER IN THE FORM OF DUST CAN BE EMITTED FROM THE CRUSHING PLANT IN VARIABLE QUANTITIES, DEPENDANT UPON AMBIENT WEATHER CONDITIONS

11 Give the assessment of the likely environmental consequences of the emissions to air. (use a continuation sheet if necessary) AS FAR AS WE CAN ASCERTAIN THERE WILL BE NONE, AS THE AREA FOR PROCESSING MATERIALS WILL HAVE A 6 METRE EARTH BUND TO PREVENT ANY LIKELY ENVIRONMENTAL CONSEQUENCES AND ALSO WATER SPRAYS WILL BE USED WHEN NECESSARY TO REDUCE THE DUST TO MINIMAL QUANTITIES.

12 What monitoring is or will be carried out of emissions to air?

THE OPERATOR WILL CARRY OUT DAILY VISUAL ASSESSMENTS OF DUST EMISSIONS TO AIR.

13 What monitoring will be carried out of the environmental consequences of emissions to air?

ALL VISUAL ASSESSMENTS SHALL BE RECORDED ON SHEETS SUPPLIED BY OUR OFFICE AND KEPT ON RECORD FOR 4 YEARS.

14 How will you monitor the techniques described in the answer to question 9?

AS ABOVE AND WITH THE OPERATOR CARRYING OUT DAILY CHECKS OF STANDARDS AND DUST SUPPRESSION EQUIPMENT.

15 State how you will ensure that the objectives listed in section 7(2) of the Environmental Protection Act 1990 will be achieved and how the condition implied by section 7(4) of the Act will be complied with.<sup>(6)</sup>

WE ACCEPT THE NEED TO EMPLOY THE BEST AVAILABLE TECHNIQUES NOT ENTAILING EXCESSIVE COST TO ENSURE THAT THE OBJECTIVES IN SECTION 7(2) AND 7(4) OF THE EPA 1990 ARE ACHIEVED IN RELATION TO OUR PLANT.

16 If you have any proposals for improvements which might prevent or reduce emissions, please give details. (use a continuation sheet if necessary)

THERE ARE NO PLANS TO IMPROVE THE PLANT AT PRESENT BUT WE WILL BE WILLING TO ADOPT ANY INNOVATIVE MEASURES OR TECHNIQUES WHICH ARE OR WILL IMPROVE OUR ENVIRONMENTAL RECORD WHICH WE FEEL IS ALREADY GOOD.

17 Give any other additional information which you would like to be taken into account by the local authority in considering your application.

NONE

Official guidance on the best available techniques not entailing excessive cost is published by the Department of the Environment in the process guidance notes for specific industries, copies of which are available from HMSO or can be ordered from certain bookshops. YOU ARE ADVISED TO CONSULT THE PROCESS GUIDANCE NOTE FOR YOUR INDUSTRY BEFORE COMPLETING THIS FORM. YOU MIGHT ALSO FIND IT USEFUL TO READ THE GENERAL GUIDANCE NOTE GG3.<sup>(7)</sup>

If you require any further information or assistance in completing this form, please contact your local Council at the address shown below.

Please complete the final section of this form on page 4 overleaf.

I enclose the fee of £ (8).  
Cheques should be made payable to:

I HEREBY CERTIFY that all the information contained in this application is correct to the best of my knowledge and belief (and that I am authorised to sign on behalf of the Company).

Signature

Official title

Date

13/6/96

Please complete and return this form together with FOUR copies of each of the plans listed in the reply to question 5 and the required fee to:

Tel.No.

### NOTES

1 This is the local authority in whose area the prescribed process will be carried on, or in the case of mobile plant, the local authority in whose area the applicant has his principal place of business.

2 Please state the person/Company who is operating or will operate the process, not an agent who may be completing the application on the operator's behalf.

3 A list of prescribed processes for local authority control is given in Appendix A, which accompanies this form. Further advice can be obtained if necessary from the local authority.

4 A list of prescribed substances for release into the air is given in Appendix B, which accompanies this form. "Harm" includes offence to the senses or harm to property.

5 Please list fully all pollution control measures for all stages of the process, from the receipt of raw materials to the despatch of wastes and finished products, including, for example, the height and location of any stacks or vents; the abatement technology; process control and operational data; arrangements for maintenance; the extent of supervision; the relevant qualifications and experience of the workforce; staff training; and contingency plans for breakdowns and emergencies.

All calculations should be shown, particularly for the chimney height(s). Justification for the selection of a particular abatement option should be given.

6 Section 7(2) and 7(4) of the Environmental Protection Act 1990 requires every operator of a prescribed process to use the best available techniques not entailing excessive cost for -

- (i) preventing the release of prescribed substances, or where that is not practicable, for reducing the release of such substances to a minimum and rendering them harmless; and
- (ii) rendering harmless any other substances which might be released.

7 Much of the information contained in the application form will be included in a register which the local authority is required to keep for public examination in accordance with section 20 of the Environmental Protection Act 1990 and the Environmental Protection (Applications, Appeals and Registers) Regulations 1991. Sections 21 and 22 provide for certain information (affecting national security, or commercial confidentiality) to be excluded from the register. Such information should be clearly identified in this application form.

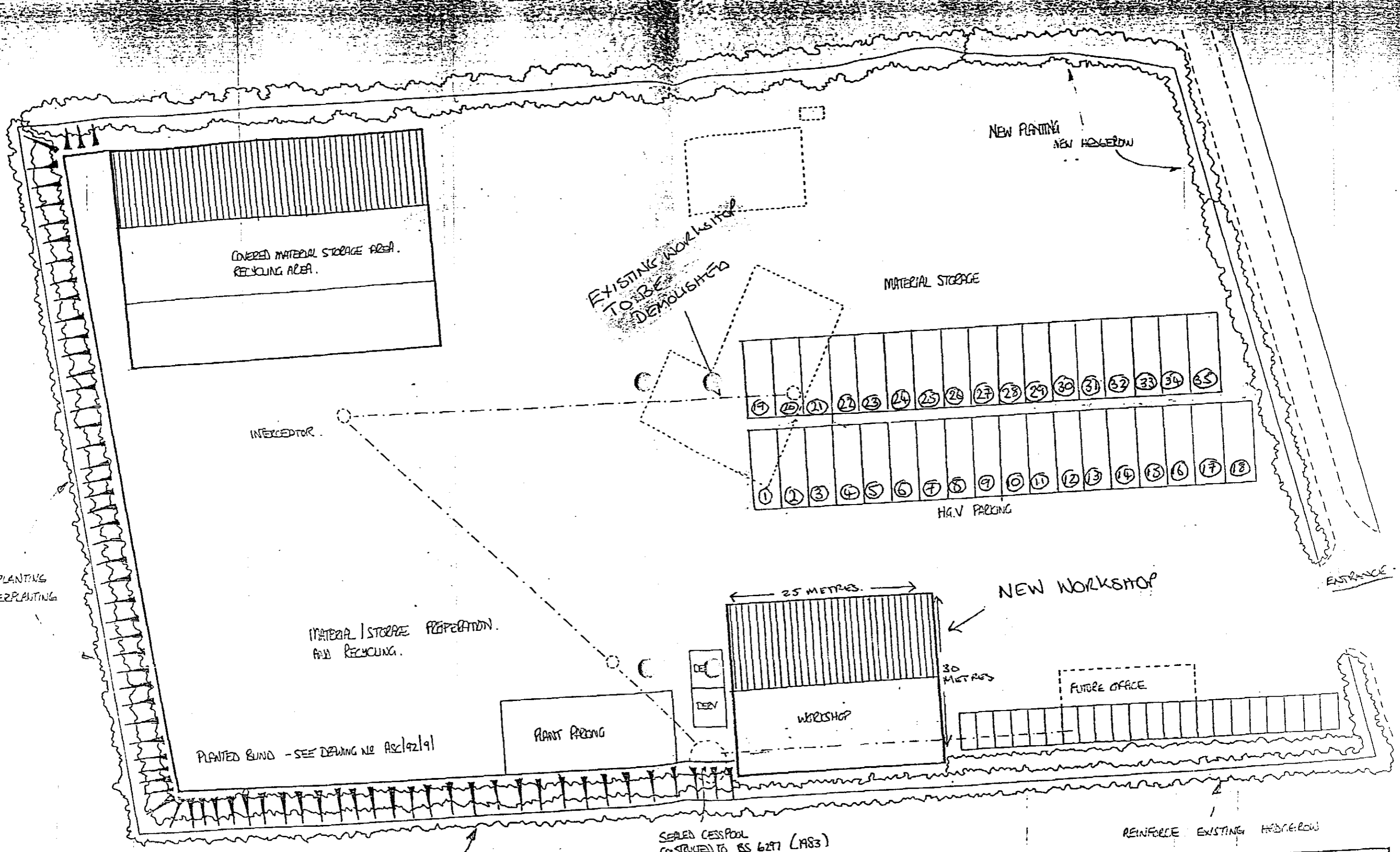
£1015

8 £800 in the case of initial applications.

£ 650 £530 in the case of applications for a substantial change.

£530 in the case of processes transferred from previous HMIP control.

£100 for small waste oil burners.

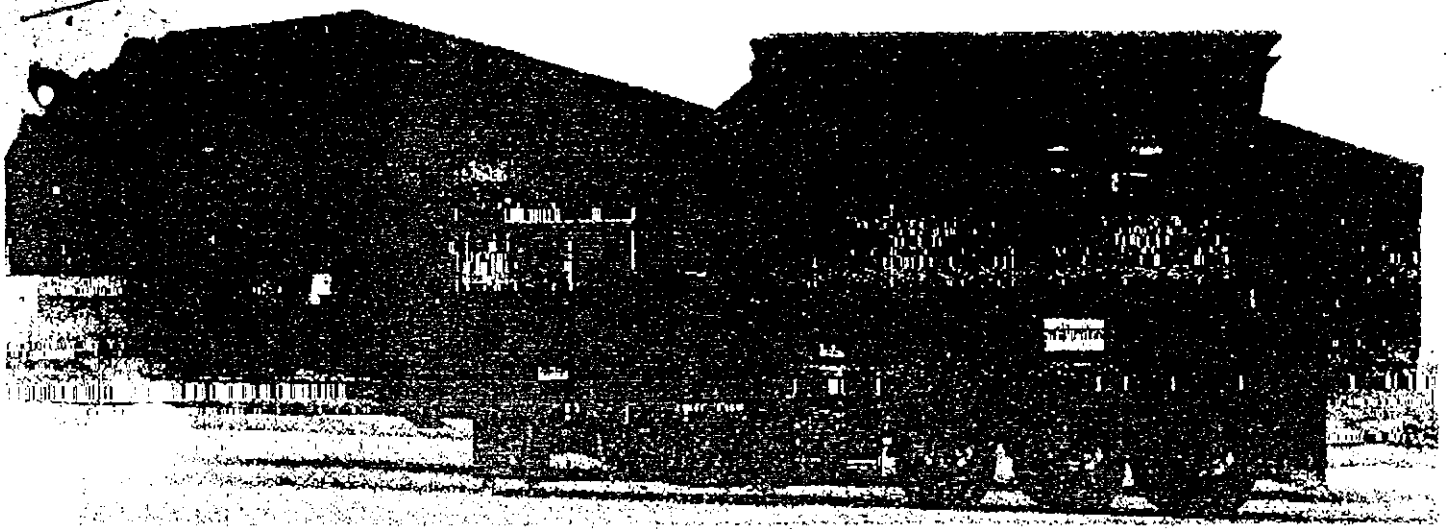


Tree Planting	Under Planting	Hedgerows
600mm tree transplants at 5m centres	All tree planting to be under planted with a mixture of:-	Mixture of Hawthorn, Blackthorn, Quickthorn and Hazel.
Oak (minimum 15m apart)	Hawthorn	To be planted with tree transplants at 5m centres. Mixture of Oak, Ash and Field Maple
Ash (minimum 10m apart)	Blackthorn	
Field Maple	Goat Willow	

**SITE PLAN;**  
 LAND AT SECOND DROVE, MEADOW LANE, ST MES  
 ON BEHALF OF MICK GEORGE (HAULAGE) LIMITED.

Scale 1:500 Date June 1995  
 Drawing Number ASCA/92/9/RM

**Andrew S Campbell Associates**  
 Planning and Development Consultants  
 Wydale House, Chequer Street,  
 Fenstanton, Huntingdon,  
 Cambridgeshire, PE18 9JQ  
 Telephone: (01480) 460036



# MOBILE CRUSHING UNIT

## KK 120 - HYDRAULIC

The Brown Lenox Primary Mobile crushing unit is a completely self-contained unit, comprising of a Kue Ken double toggle jaw crusher, and all necessary associated equipment to form a primary crushing station. The major component parts which form the complete unit are:

### JAW CRUSHER

The Brown Lenox 120 Kue Ken double toggle jaw crusher has a feed opening of 1067mm x 813mm, which allows the machine to accept a feed size of 650mm.

The close side setting of the machine is adjustable by means of a simple mechanism, mounted on the rear of the stationary jaw. The capacity and product size produced by the machine being dependent on this setting. In addition to the proven reliability, the Kue Ken crusher also incorporates several features such as, self-contained automatic oil circulation, integral overload safety trip arm and unique crushing without rubbing action. This in addition to its relatively low power requirements makes the Kue Ken Crusher, an ideal choice for even the most difficult application.

### VIBRATING GRIZZLY FEEDER

The Brown Lenox 1067mm x 4877mm Horizontal Vibrating Grizzly Feeder, is designed to compliment the 120 primary jaw crusher, by feeding the material at a suitable rate across the full width of the jaw opening.

The nominal rate of feed of the feeder would be set at installation, by adjustment to the amount of unbalance in the drive unit, to suit particular requirements.

The feeder is driven from a hydraulic motor driving through a flexible coupling, all mounted on the side of the feeder. The flow of hydraulic oil to the feeder motor is directed through a variable flow control valve, positioned at the operators platform. This allows the operator to control the speed of the feeder, to compensate for variations in consistency of the feed material.

The feeder is fitted with a heavy duty double Grizzly section, set to scalp off all material below a pre-determined size. This scalped material bypassing the jaw crusher, is fed direct to the under conveyor by way of a suitable chute. With the addition of an extra optional conveyor which can be positioned directly under the by-pass chute, this scalped material can be removed from the feed material, and be stockpiled to either side of the main conveyor.

The base of the feeder unit is lined with easily renewable liner plates, and the complete unit is mounted on coiled springs to isolate the supporting structure from the feeder vibration.

### CHASSIS AND RUNNING GEAR

The chassis is constructed from deep 'I' section beams and welded steel plates, ribbed and stiffened to withstand all operational and travelling stresses. A fabricated steel crash box is situated between the main chassis members and located below the crusher discharge, from which the material will fall onto a heavy duty troughed belt under conveyor.

The running gear comprises of a King Pin to British Standard AU 1a: 1970, at the front of the chassis, with at the rear Tri-axles and spring suspension, with twin 1200 x 22.5 x 16pr tyres. Braking system is 2 line air to all wheels, with the addition of a hand operated parking brake.

### HEAVY DUTY UNDER CONVEYOR

The unit incorporates a 1000mm x 12m long conveyor, to give a discharge height of 2600mm, which has a rated design capacity of 350 tons/hr. The

conveyor belt will be to specification 500/3 with 5mm and 1.5mm covers, carrying idlers fitted with sealed for life bearings and labyrinth end seals in 3 roll sets, with heavy duty rubber covered impact idlers provided at the feed point.

Return idlers will be parallel tubular, with sealed for life bearings and labyrinth end seals.

Head and tail pulleys will be crowned, with the tail pulley being of open spiral construction, to obviate stone trap damage. An adjustable belt scraper being provided at the head end. The conveyor has skirt plates upto the end of the chassis to minimise spillage, and is driven by a hydraulic motor directly coupled to the head drum. The conveyor will be guarded in accordance with the Mines and Quarries and/or Health and Safety regulations.

### FEEDER SUPPORT STEELWORK

A fabricated joist platform supports the vibrating grizzly feeder and the reception hopper, suitably stiffened and welded to provide a heavy duty structure.

### RECEPTION HOPPER

The reception hopper is of 11 cubic metres capacity, and is manufactured from mild steel plate, complete with renewable liners and standard rolled steel sections, welded to form a robust unit which fits directly above the grizzly feeder. The bottom edge of the hopper is designed to fit inside the grizzly feeder to obviate spillage.

### OPERATORS/MAINTENANCE PLATFORM

An operators platform is provided adjacent to the crusher complete with all necessary safety handrails and access stairs, with the conveyor and feeder controls mounted in a convenient position.

### DIESEL ENGINE

Caterpillar 3306T turbo charged water cooled engine, 134KW (180BHP) at 1680 r.p.m., with air intake extended away from possible dust concentration.

### OPTIONAL SCALPING CONVEYOR

This conveyor is 600mm wide x 7500mm drum centres, the conveyor belt will be to specification 315/3 with 3mm and 1.5mm.

### GENERAL

Mobile units are shop assembled, all steelwork primed and painted in Brown Lenox standard colours, and shop tested prior to despatch.

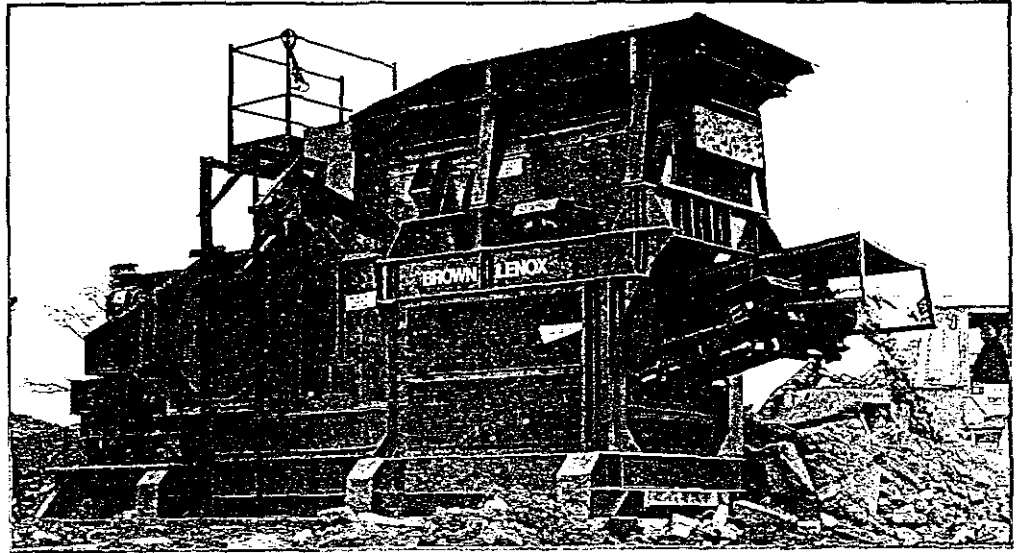
### HYDRAULIC SPECIFICATION FOR 120 MOBILE UNIT

The hydraulic circuit consists of the following main components:

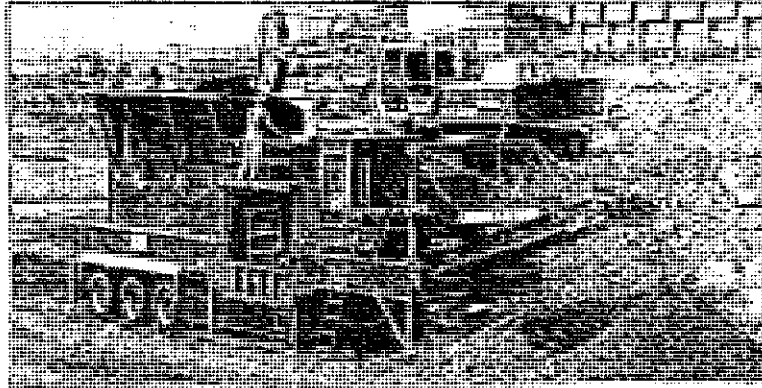
- A 74 gallon hydraulic reservoir.
- A tandem hydraulic gear pump is mounted on the diesel engine.
- A hydraulic gear motor driving the vibrating grizzly feeder through a flexible coupling, all mounted on the side of the feeder.
- A hydraulic gear motor driving the main conveyor head drum through a flexible coupling, all mounted on the side of the conveyor.
- A hydraulic gear motor driving the tail drum of the "scalping conveyor" (when required) via a flexible coupling. This hydraulic motor is driven in series with the main conveyor motor.



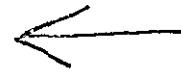
**BROWN & LENOX LIMITED**



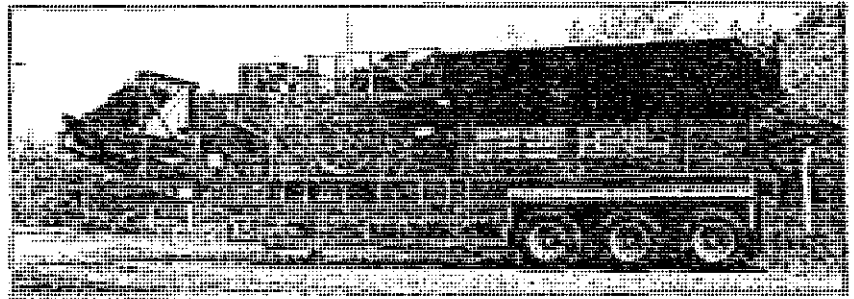
Transportable Crushing Unit ▲



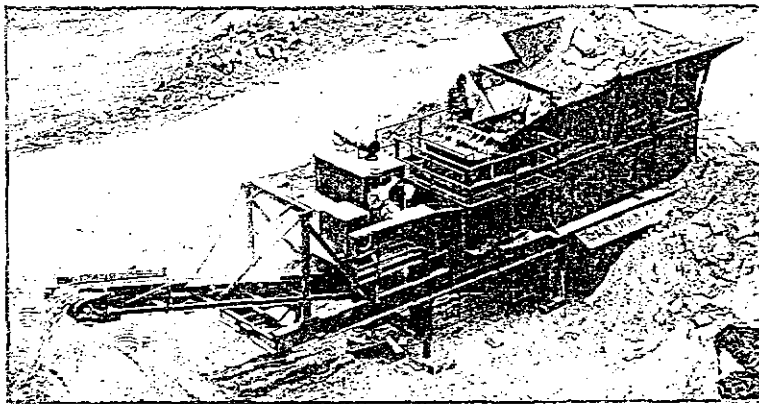
Mobile Unit in transport mode ▶



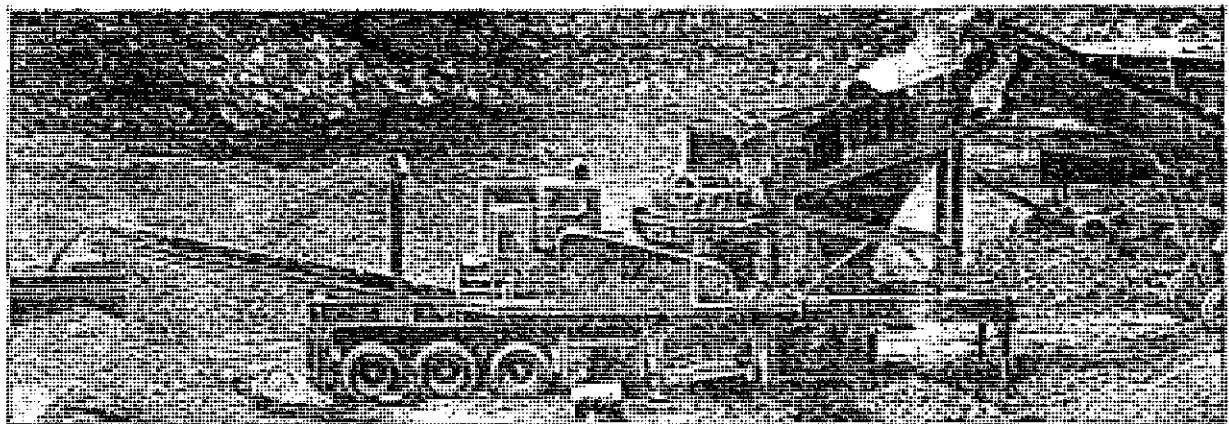
◀ Mobile Jaw Crusher



◀ Mobile Jaw Crusher



Mobile Cone Crushing and Screening Unit ▼



LAPPC Application Form: to be completed by the operator

For Local Authority Use		
Application Reference: Flare ref: 36242	Officer Reference: AJM	Date Received:

A1.1 Name of the mobile plant

PARKER ROCK DANCER

A1.2 Please give the address of the operator in control of the mobile plant

MICA GEORGE (HAULAGE) Ltd

SECOND DRIVE

MEADOW LANE, ST. IVES, CAMBS.

Postcode PE27 6YQ Telephone 01480 698 099.

Please provide the information requested below about the "Operator", which means the person who it is proposed will have control over the mobile plant in accordance with the permit (if granted).

A2.1 The Operator – Please provide the full name of company or corporate body:

MICA GEORGE (HAULAGE) Ltd.

Trading/business name (if different):

N/A.

Registered Office address:

SECOND DRIVE

MEADOW LANE

ST. IVES, CAMBS.

Postcode: PE27 6YQ



A3.1 Who can we contact about your application?

It will help to have someone who we can contact directly with any questions about your application. The person you name should have the authority to act on behalf of the operator. This could be an agent or consultant rather than the operator.

Name: WILLIAM PEGGIE

Position: ENVIRONMENT AND COMPLIANCE MANAGER.

Address: MICA GEORGE (HALLAGE) LTD, SECOND DRIVE,

MEADOW LANE, SK. IVES, CAMBS Postcode: PE 27 6 2Q

Telephone number: 01680 698 099.

Fax number: 01680 698 077

E-mail address: wpeggie @ mica-george . co . uk .

B2 The Mobile Plant

*Please provide written information about the aspects of your mobile plant listed below. We need this information to determine whether you will operate the plant in a way in which all the environmental requirements of the PPC Regulations are met.*

B2.1 Describe the proposed plant and activities and identify the foreseeable emissions to air, water and land from each stage of the process (this will include any foreseeable emissions during start up, shut down and any breakdown/abnormal operation).

*The use of process flow diagrams may aid to simplify the operations*

Doc Reference:         b2.1        

B2.2 Once all foreseeable emissions have been identified from the plant's activities, each emission should be characterised (including odour) and quantified.

– atmospheric emissions should be categorised under the following

- (i) point source, (e.g. chimney/vent, identified by a number and detailed on a plan)
- (ii) fugitive source (e.g. from stockpiles/storage areas).

If any monitoring has been undertaken please provide the details of emission concentrations and quantify in terms of mass emissions. If no monitoring has been undertaken please state this.

*(Mass Emission – the quantification of an emission in terms of its physical mass per period of time. Eg. Grams per hour, tonnes per year)*

B2.3 For each emission identified from the plant's activities describe the current and proposed technology and other techniques for preventing or, where that is not practicable reducing the emissions. If no techniques are currently used and the emission goes directly to the environment, without abatement or treatment this should be stated.

Doc Reference:         b2.2    and    b2.3        

B2.4 Describe the proposed systems to be used in the event of unintentional releases and their consequences. This must identify, assess and minimise the environmental risks and hazards, provide a risk based assessment of any likely unintentional releases, including the use of historical evidence. If no assessments have been carried out please state.

Doc Reference:         b2.4        

B2.5 Describe the proposed measures for monitoring all identified emissions including any environmental monitoring, and the frequency, measurement methodology and evaluation procedure proposed. (e.g. particulate matter emissions, odour etc). Include the details of any monitoring which has been carried out which has not been requested in any other part of this application. If no monitoring is proposed for an emission please state the reason.

Doc Reference:         b2.5

**C3 Commercial confidentiality**

**C3.1** Is there any information in the application that you wish to justify being kept from the public register on the grounds of commercial confidentiality?

No

Yes

Please provide full justification, considering the definition of commercial confidentiality within the PPC regulations.

Doc Reference:

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**C3.2** Is there any information in the application that you believe should be kept from the public register on the grounds of national security?

No

Yes

Do not write anything about this information on the form. Please provide full details on separate sheets, plus provide a copy of the application form to the Secretary of State for a Direction on the issue of National Security.

**C4 Data Protection**

The information you give will be used by the Local Authority to process your application. It will be placed on the relevant public register and used to monitor compliance with the permit conditions. We may also use and or disclose any of the information you give us in order to:

- consult with the public, public bodies and other organisations,
- carry out statistical analysis, research and development on environmental issues,
- provide public register information to enquirers,
- investigate possible breaches of environmental law and take any resulting action,
- prevent breaches of environmental law,
- assess customer service satisfaction and improve our service.

We may pass on the information to agents/representatives who we ask to do any of these things on our behalf.

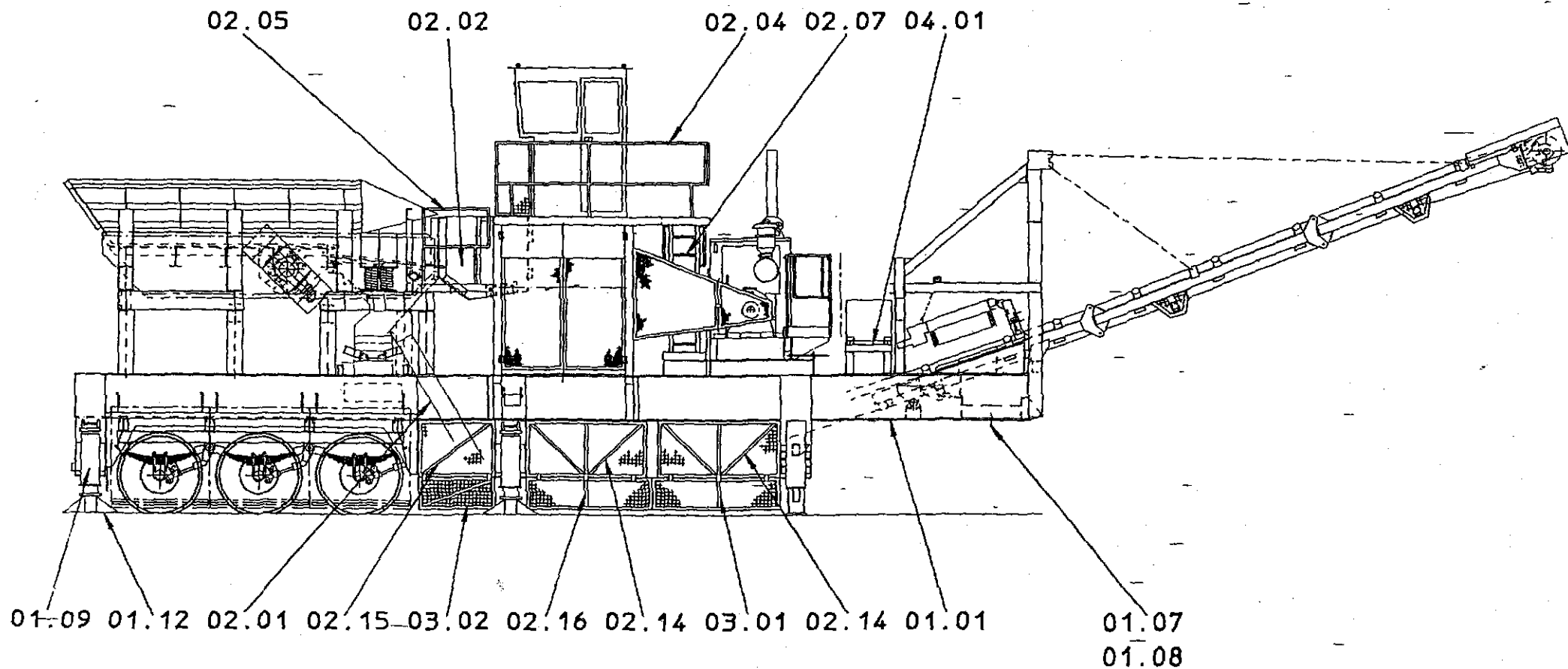
It is an offence under Regulation 32 of the PPC regulations, for the purpose of obtaining a permit (for yourself or anyone else) to:

- make a false statement which you know to be false or misleading in a material particular,
- recklessly make a statement which is false or misleading in a material particular.

If you make a false statement

- we may prosecute you, and
- if you are convicted, you are liable to a fine or imprisonment (or both).

AA7835



**Parker**

RE1180 OUTFIT

DRAWING NUMBER AA7835

# **Mick George** **(Haulage) Limited**



## **THE MOBILE PLANT.**

### **B2.1.**

The proposed plant is a Parker Rockranger crusher which will be used for the purpose of reducing in size brick, concrete, tile stone or other material for the purpose of resale as a recycled product. Emissions from the equipment, to air, water, and land are limited to the times during which the machine is working. There is no increased risk due to start up, shutting off, or break down of the crusher. Dust emissions from the crushing of the above mentioned materials are likely to be generated whilst the machine is working but they can be limited by operating during times of little wind, and can be further controlled by damping down with an on site dust suppression unit. Loading with a loading shovel has the possibility of creating dust in the wrong conditions and in every case this will be monitored by the company. Dusty materials leaving site via lorry will be sheeted prior to conveyance on the highway.

### **B2.2.**

Point source for emissions will be the crusher as a whole, and fugitive sources from materials waiting to be crushed or crushed materials can again be controlled by water suppression. No formal monitoring has been carried out for this particular piece of equipment. Monitoring of similar equipment at various sites shows that with the correct procedures in place, escapes of dust outside the process boundary are unlikely.

### **B2.3.**

Water suppression can be effectively used as required, both on the plant, and the raw materials and product stockpiles.

### **B2.4.**

In the event of large quantities of dust being released for example by the unexpected onset of heavy winds, the operation can be stopped immediately and water suppression can be effected in order to minimise further emissions. Water not absorbed by the materials will flow to a site drainage system prior to collecting in a series of catch pits capable of settling out solids and hydrocarbons prior to discharge at an EA approved discharge point. Similar historical events have shown this to be a tried and tested mitigation.

### **B2.5.**

Monitoring of climatic condition prior to commencement of operations can be carried out by the site manager or his appointed representative. In the event of unsuitable weather a more appropriate day can be chosen. During crushing the weather will continue to be monitored and in the event of the onset of heavy winds the operation can be stopped immediately and the site damped down if necessary. The decision to cease operations will lie with the site manager or his appointed representative. A record of the conditions can be found in an ongoing log.