

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 DISTRICT Council

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

R/O 7 CLARE ROAD

HARTFORD

HUNTINGDON CAMBS REG NO. 2075737 Tel.No. 0480 454995

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

CRUSHER + SCREEN MOBILE

Tel.No.

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

AIMS CLOSE

STURLEY ROAD IND EST

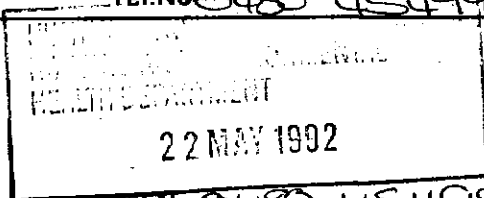
HUNTINGDON, CAMBS

Plant to be relocated in the future

Tel.No. 0480 454995

4 Address for correspondence relating to the application

As No 3.



Contact name PETER CARTER

Tel.No. 0480 454995

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.

1:2500

TITLE

Reference No.

LOCATION MAP SHOWING CURRENT SITE

758/206

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)

SEE ATTACHED SHEETS FOR THE MACHINES SPEC'S

Recycling broken concrete, brick etc, from various sources, to good quality hardcore. Process various soils, to remove contamination, bricks etc, to produce a good quality top soil, for local demand.

7 When was the plant first installed? (MOBILE) Crusher - 1981
Screen - 1988

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.⁽⁴⁾

Possible dust released if not dealt with

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.⁽⁵⁾ (use a continuation sheet if necessary and attach drawings of plant and equipment, where appropriate)

Can be strictly controlled by water spraying through various stages of the crushing process.

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)

Matter in the form of dust can be emitted from crushing plant in variable quantities slightly depending on weather conditions, once again this can be completely controlled by water spraying.

11 Give the assessment of the likely environmental consequences of the emissions to air. (use a continuation sheet if necessary)

Minimal emissions of dust are possible also exhaust from engine which is not visible to the eye as the engine burns clean.

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

The company will carry out daily assessments of dust emissions and the machine will not run if the weather is not suitable. We will record our monitoring of the plant and retain same for inspection if required. Our plant will not run more than an average of 1 day per week, there will also be times when it will stand for a period of weeks without use.

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

Nothing other than what is stated in 12.

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

The site foreman will be responsible for checking dust emission and the 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.⁽⁶⁾

We acknowledge the need to retain the best available procedure without bringing about exorbitant costs to ensure that the intentions in section 7(2) and 7(4) of the environmental protection act 1990 are accomplished to the plant in question.

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 proposals in mind at the moment regarding the plant it has run this way since 1968 in the county of Cambridgeshire, but we are willing to consider any innovations or techniques which might improve the environmental record which we feel is already adequate especially with the proper application of water at the appropriate time and place to reduce dust.

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

Given that we have run for 11 years we appreciate now that more attention is being paid to these operations and that our company will consider it a priority that we run in a proper and correct manner especially in the future

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.⁽⁷⁾

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 £ 700.00 (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

22.5.92

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.

- 8 £800 in the case of initial applications;
£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.



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INSTRUCTION No. TP.C.EO.3900.B.

"ROCKRANGERS"

(PRIMARY CRUSHING PLANTS)

This manual comprises an introduction to the "ROCKRANGER" with instructions for erection, pre-operating preliminaries, crusher setting and operating, trial running, productive operating, maintenance and preparation for travelling.	Para. 1
The plant embodies certain machines for which specially printed and fully detailed instructions have been prepared. Copies of applicable publications are included in the latter part of the manual, and where necessary, the reader will be referred to these for details.	2
A manufacturer's Instruction Manual and Parts Catalogue is packed with the engine, additional copies not being supplied herewith unless specially requested.	3
standard Lubrication Chart is also supplied.	4

INTRODUCTION

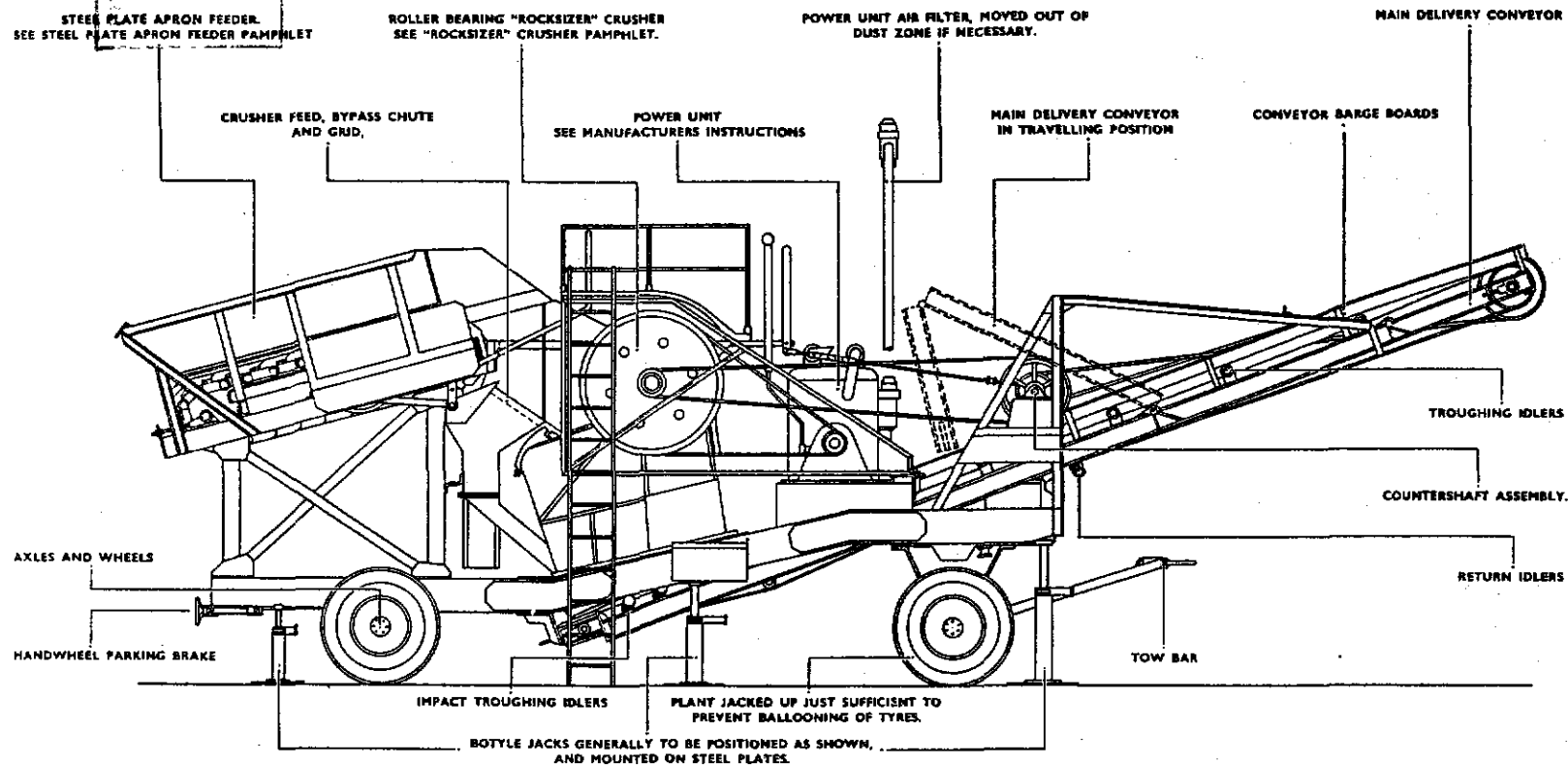
The "ROCKRANGER" is a primary rock crushing plant, producing an "all in" material	5
Units incorporated are as follows :-	

- i) STEEL PLATE APRON FEEDER: From the standard range of Plate Apron Feeders. The slow moving plate apron delivers stone at a constant, even rate to the crusher jaws. The rate of feed is governed by the position of the connecting rod on the driving crank or gearwheel. A fixed grid is incorporated between the feeder and crusher to extract dirt and small sized materials. Drive is controlled by a pawl bluffer, operated from the central control platform.
- ii) ROLLER BEARING "ROCKSIZER" CRUSHER: From the standard range of roller bearing machines embodying the latest upthrust toggle action. The jaws are manufactured from a special manganese alloy, and are reversible end for end to give maximum wearing life. The body is of fabricated construction. Jaw setting is obtained by inserting shim plates of varying thickness between the groove block and its seating. Drive is by a matched set of vee ropes.
- iii) DELIVERY CONVEYOR: Receives material from the crusher and some or all of the small material taken out by the grid, according to the door setting in the bypass chute. For travelling, it is hinged back to rest on the conveyor support structure. (See Illustration No. TP.C.A.3950.A. - MODELS 5003, 4, 5 and 6 only.)

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4760No.

ILLUSTRATION No SR.C.AA.4950.B



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Drive is by a matched pair of vee ropes from the countershaft to the headshaft through a disc friction clutch operated from the central control platform. Standard ball bearing, grease lubricated idlers are fitted throughout.

iv) POWER UNIT: A DORMAN Diesel Power Unit is fitted as standard, but this may vary according to specified requirements. An extension pipe can be supplied to extend the air filter out of the dust zone if desired (oil bath air cleaners only). See Para. 16 and Illustration No. TP.C.AA.3950.A. Full instructions and spares catalogues are supplied separately when the power unit is supplied by this Company.

v) RUNNING GEAR: Supplied according to specified requirements from one of the following arrangements :-

- (a) Semi-trailer arrangement comprising single rear axle with 4 pneumatic tyred wheels arranged in twin, and a front, upper lockplate and kingpin for fifth wheel towing. (Articulated Trailer Method.)
- (b) Full Trailer Arrangement - i.e., as above, plus a front swivelling axle assembly (dolly) with drawbar, and four pneumatic tyred wheels arranged in twin. The front, upper lockplate with kingpin remains attached for fifth wheel towing as an alternative, if required.
- (c) Four steel roadwheels for limited travel with swivel front axle assembly with drawbar.

Brakes are usually double-line control actuating on the rear wheels (except on steel wheels, where no brakes are fitted.) A mechanical, handwheel operated parking brake is also fitted.

SETTING UP FOR OPERATION

SITING: The site should be reasonably level, well drained and with a fairly firm surface. Care should also be taken to ensure adequate access for vehicles receiving product from the plant.

An important point is to ensure that the chassis is quite level both along and across; this avoids possible structural distortion, which could cause troubles with drive alignments etc.

6

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BRAKES: Shunt the plant into position and apply the handwheel parking brake. 7

NOTE: When the air brake flanges are disconnected the brakes are automatically applied from pressure in the air brake reservoir. This should not be used as a parking brake, however, since seepage will slowly occur, and gradually the brakes are released. Therefore, APPLY THE HANDWHEEL PARKING BRAKE as soon as the plant is finally positioned, then release the air in the braking system by way of the Reservoir drain cock on the end of the reservoir itself. (See Illustration No. TP.C.3900/1.)

PLACING JACKS: Six screw type bottle jacks are supplied for added stabilization, these should be positioned as shown in Illustration No. TP.C.44.3905.A. The largest pair are for support at the extreme front end of the chassis, being situated just forward of the front swivelling axle. The second shorter pair are situated under the "ROCKSIZER" Crusher and the third pair at the extreme rear end of the chassis to take the load of the charged feeder hopper. All jacks should be mounted on steel base plates (approx. 2'0" x 2'0" x $\frac{3}{8}$ " thick) to prevent local sinkage. (See Illustration No. TP.C.3900/2.) 8

Operate all jacks just sufficient to take the weight of the plant to obviate any "bounce" during operation, but do NOT lift the wheels clear of the ground. An added precaution in the "scotching" of all wheels is advisable. After jacking, check that the plant is in a reasonably horizontal plane by placing a spirit level at points around the chassis.

REMOVE "ROCKSIZER" CRUSHER JAWSTOCK RETAINER: The crusher jawstock is locked to prevent movement during transit by means of the jawstock retaining hook and eyebolt. This device is clearly shown in position in Illustration No. TP.C.3900/3. The retaining hook and washer, and EYEBOLT must be removed before attempting to start up. 9

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CHECKS BEFORE STARTING UP

- i. Do not attempt to start the engine without first having read the Engine Instruction Manual.
- ii. Top up the oil cup on the engine air filter (oil washed air cleaners only) to the working level with the correct grade of lubricant as recommended in the Lubrication Chart No. LU.MHC.60.
- iii. Check filter indicator on engine air cleaner ("Roto-Panic" air filters only) and replace as necessary.
- iv. Ensure that all vee belts are correctly tensioned and are seating true in their grooves.
- v. Check conveyor belt for correct tension.
- vi. Check to ensure that no nuts, bolts, packing wedges, tools or blocks have been left lying on the plant where they can vibrate into the Crusher or Transmissions, possibly causing damage.
- vii. Ensure that both the clutch and pawl bluffer engage and disengage fully and freely.
- viii. It is not necessary to grease bearings before operation is commenced for the first time, as all are thoroughly greased before leaving our Works. After the first day's operation, however, it is essential that the instructions contained in our Lubrication Chart No. LU.MHC.60 ARE STRICTLY FOLLOWED.
- ix. IMPORTANT: HAVE YOU REMOVED THE CRUSHER JAWSTOCK RETAINING HOOK AS PREVIOUSLY INSTRUCTED ? IF NOT, DO SO BEFORE PROCEEDING.
- x. NOTE: Engine Batteries need filling as instructed in Pamphlet No. TP.G.RG.5750.B. and charging.

SETTING FOR PRODUCTS

- i. The "ROCKSIZER" Crusher - Full details on how to set the crusher jaws are contained in Instruction No. TP.C.RK.3100... (para. 15) included in the latter part of this manual. 14
- iii. The Steel Plate Apron Feeder - full details on how to adjust the rate of feed are contained in Instruction No. TP.C.FR.3002.C. (para. 10.)

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PREPARING THE POWER UNIT: Full details are given in the Engine Instruction Manual supplied. Controls are extended to the central control platform, i.e., Speed Regulator, "Stop" control and Power Take-off Clutch Lever. WET BATTERIES are always despatched unfilled and therefore need filling and charging before fitting. (See Instruction No. TP.C.RG.5750.B.)

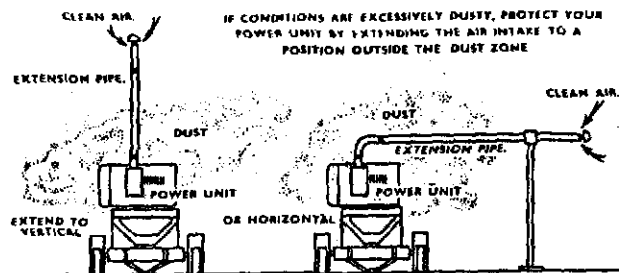
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OIL BATCH TYPE AIR CLEANERS - IMPORTANT:

In extremely dry conditions where atmospheric dust content is likely to be excessive around the power unit, WE STRONGLY ADVISE that the air cleaner be fitted with an extension pipe to a position where the air intake is in a dust free zone. (See Illustration No. TP.C.3900/4.)

Always empty and clean the filter cup regularly (at least once daily), filling with clean oil before refitting.

Frederick Parker Ltd., and their associates cannot accept liability for engine failure resulting from disregard for this advice. Extension pipes are available as optional extra items.



16

ILLUSTRATION No. TP.C.3900/4

TRIAL RUN

(DO NOT CHARGE THE FEEDER HOPPER FOR THIS RUN)

It is always advisable to hold a trial-run before putting a newly delivered plant into full productive operation. This provides an opportunity to inspect all drive alignments also to ensure that no damage has occurred in transit and gives the operator a chance to "get the feel" of the controls.

17

Before starting the engine, ensure that the conveyor clutch and the feeder pawl bluffer are disengaged.

18

Start up the engine and allow it to gain full revs., then gradually engage the power take-off clutch. (Do not jerk the clutch lever.) Hold the clutch lever engaged for a few seconds, allowing the crusher flywheels to gain momentum, then disengage to allow the engine revs., to build up again, after which, let in the clutch to increase the momentum of the flywheels. This method of starting reduces wear and tear on the clutch and power unit.

19

Next, engage the conveyor clutch and finally the feeder pawl bluffer.

20

The plant should be allowed to run light for 15 to 20 minutes; this allows the lubricant to circulate and provides an opportunity for checking all bolts and transmissions. Tighten any bolts where looseness is evident. Also check conveyor belt alignment and correct if necessary as instructed in detail in Instruction No. TP.C.CV.3700.A. (included in the latter part of this manual.)

21

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NOTE: New vee ropes tend to stretch to a "true length" after a short working period. The operator should, therefore, carry out a careful and regular check during the first week of operation, and take up the slack in any drive. Slackness in a vee rope drive is undesirable, as it may cause slip, which results in rapid wear, loss of power, and consequently, reduced output.

22

Check that the crusher drawback spring is in correct compression so as to obviate "chatter". To retension the spring (when the plant is stopped) slacken off the drawback spring nut, then screw up the nut as far as possible by hand, then give it 2 turns with a spanner.

23

When all checks have been made and performance is satisfactory, disengage the feeder pawl bluffer, conveyor clutch and the power take-off clutch, in that order. Then stop the engine.

24

PRODUCTIVE OPERATING

Fully charge the Feeder hopper and position the receiving vehicle beneath the discharge conveyor.

25

Start up the plant as instructed in paras. 18, 19 and 20.

Material will now flow into the plant.

CONTROLLING THE THROUGHPUT: If the rate of flow from the Feeder is inadequate at the initial stroke setting, lengthen the stroke by moving the connecting rod further away from the centre of the countershaft. (See Instruction No. TP.C.FR. 3002. C. para. 10.)

26

Keep a keen observation on the Crusher jaws - these should be constantly well charged but not overloaded.

27

If overloading is experienced, stop the feed to the plant by disengaging the feeder pawl bluffer, and allow the crusher to clear before re-engaging.

If there is an extremely high percentage of small material in the feed, some or all of it may be taken out and discharged to the side of the plant by opening the door in the crusher bypass chute.

28

When changing trucks the conveyor clutch should not be fully disengaged for periods longer than 1 minute, otherwise, the conveyor will become choked with material in the feed boot and consequently may jam when put into operation again. The correct method of checking the material whilst a change of vehicle is made, is to "slip" the clutch so that the conveyor moves slowly and clears the build up of material in the boot - a small amount of material may continue to be discharged, but this is practically negligible.

29

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CHECKS DURING EARLY DAYS OF OPERATION ON A NEW PLANT

It is very important that the following checks are made during the first week or two of operation, since a new plant "settles down" and affects the items mentioned. 30

- i. Check Crusher Jaws: Ensure there is no "breathing" i.e. movement of the crusher jaws. If movement is evident, stop the machine and tighten the jaw wedge bolts. This is most important on new machines as, after a short while, the jaws settle down and the wedge bolts invariably need retightening. Loose jaws may lead to serious fractures in the crusher body if allowed to persist.
- ii. Check Conveyor: Check the belt for alignment. Loaded belts settle down and may require final attention in this connection. See that tension of the belt is also correct - i.e. not too much slack between idlers. If build-up is occurring on support or return idlers see that the belt scrapers are correctly set.
- iii. Check Drives in General: New vee ropes stretch to a "working length" after a short period. Keep a keen observation for undue slackness developing on all drives and adjust if necessary.
- iv. Check Holding Bolts in General: It is not necessary to check every nut and bolt, but it should be remembered that stresses and strain become intensified when the plant is at work and holding-down bolts on the crusher in particular are likely to require re-tightening as the metals bed down. Be continually aware of this trouble particularly during the first few weeks - making it the practice to look closely for evidence of local looseness whilst the plant is operating. Tighten bolts the moment they appear to be loosening.
- v. Check Jack Footings: See if local sinkage is occurring. If the plant sinks at one side, corner, or end etc., structural distortion may occur which, in turn, causes drive misalignment and transmission failure could result. Take steps to stop sinkage and reset the plant in a truly horizontal plane.
- vi. Check the Power Unit Instruments: i.e. Tachometer, oil pressure gauge, temperature, fuel level etc., to ensure that there are no prime-mover troubles. The Maker's Instruction Manual will give all details for this unit.

DURING THESE EARLY DAYS DO NOT ATTEMPT TO REACH "RECORD" OUTPUTS - MAINTAIN A STEADY RATE OF FEED, AND ONLY INCREASE AS EXPERIENCE IN HANDLING IS GAINED. THE "ROCKRANGER" IS CAPABLE OF HIGH OUTPUTS, BUT CONTINUED TROUBLE-FREE SERVICE IS GUARANTEED ONLY WHEN THE PLANT IS CORRECTLY OPERATED AND EFFICIENTLY MAINTAINED. 31

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SHUTTING DOWN

32

Always stop the plant to the following practice :-

- i. Disengage the feeder pawl bluffer and stop the feed to the plant.
- ii. Allow the plant to clear itself entirely. Do NOT stop with material still on conveyor, or in the crusher.
- iii. Disengage the conveyor clutch.
- iv. Disengage the power take-off clutch.
- v. Stop the engine.

MAINTENANCE - ROUTINE CHECKS & OBSERVATIONS

DURING OPERATION: Always remain alert to the points itemised in paras. 30 & 31. 33

DAILY ROUTINE MAINTENANCE: 34

- i. Attend to the Power Unit before starting up, following the instructions supplied by the Engine Manufacturer, i.e. Fuel, water, oil etc.
- ii. If an oil bath air cleaner is fitted, empty the dirt in the cup before refilling with clean oil.
- iii. Lubricate crusher labyrinths in accordance with Lubrication Chart.
(Labyrinth nipples are fitted with green colour discs.)

WEEKLY (EVERY 50-60 HOURS) ROUTINE MAINTENANCE: 35

- i. Lubricate all bearings fitted green colour code discs. Green indicates friction (or bush) bearings fitted, which require weekly attention.
- ii. NOTE: Lubricate plate apron feeder chain links in accordance with Lubrication Chart.
- iii. Inspect conveyor belt for damage which can be checked by local repair.

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iv. Inspect all drive tensions and adjust if necessary to obviate slackness. 35
Engine and Crusher are on adjustable mountings for this purpose. Cont'd.

v. Inspect the following parts to ensure they do not wear beyond the working maximum :-

(a) Crusher jaws. (Reverse end for end if necessary.)
See "Rocksize" Crusher Instructions.

(b) Crusher jaw side liners. (Interchange as necessary.)
See "Rocksize" Crusher Instructions.

(c) Test the friction clutch on conveyor drive, adjusting as instructed. See "Friction Clutch" Instructions.

vi. If a "Roto-Pamic" air cleaner is fitted, remove and inspect the cartridge filters to ensure they are not "choked". Never let the filter indicator rise above the half-way mark.

vii. Lubricate all parts as applicable in Lubrication Chart supplied.

viii. Top up to correct level the 2-way mitre gear box, with oil as recommended in Table 1 overleaf.

MONTHLY: (EVERY 200-250 HOURS) ROUTINE MAINTENANCE:

36

i. Lubricate all bearings fitted with Yellow colour code discs. Yellow indicates ball or roller bearings fitted, which require monthly attention.

ii. Inspect the Apron Plates on the Feeder for extent of wear, and renew as necessary.

iii. Lubricate all parts as applicable in Lubrication Chart supplied.

iv. Drain, flush and re-fill the 2-way mitre gear box with oil as recommended in Table 1 overleaf.

OTHER MAINTENANCE:

At the latter part of this Manual is a compilation of standard booklets specially prepared for each of the units in the plant, and the reader should refer to the applicable booklet for information in repair work, or general information etc., when it is required.

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LUBRICATION INSTRUCTIONS

A standard Lubrication Chart prepared for use on Parker Mechanical Handling and Quarry Plant is supplied and packed with the plant. 38

Further instructions for lubricating the Feeder and Crusher are contained in the latter part of this manual. We strongly recommend the use of Shell Alvania 3 Grease for the bearings. 39

FRICTION CLUTCH: Attention is drawn to the lubrication nipple on the clutch shell. Use grease as directed against colour disc green in the Chart No. LU.MHC,60. 40

6" MITRE GEAR BOX, 2 TAKE-OFF SHAFTS (Side Conveyor Drive). Use oils as recommended in Table 1 below - Output speeds up to 600 r.p.m. Drain, flush and refill this box monthly. Top up weekly. 40A

TABLE 1"PARKER" MITRE GEARBOX - 6", 2 TAKE-OFF SHAFTS.OUTPUT SPEED - UP TO 600 R.P.M.

AMBIENT TEMPERATURE.	RECOMMENDED LUBRICANTS		
	SHELL COMPANY.	MOBIL OIL COMPANY.	CASTROL COMPANIES
33°F to 90°F (.6°C to 32.2°C)	SHELL MACOMA OIL 75	MOBIL COMPOUND BB	ALPHA LS.4.
OVER 90°F (OVER 32.2°C)	SHELL MACOMA OIL 275	MOBIL COMPOUND BB	ALPHA LS.4S
UP TO 32°F BELOW 0°C.)	SHELL MACOMA OIL 72	MOBIL COMPOUND BB.	ALPHA LS.3.

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MODEL 5006 "ROCKRANGER" WITH SIDE CONVEYORTABLE 2 : SPEED CHART

		<u>DORMAN 6LB</u>	<u>DORMAN 5 LB.</u>
ENGINE OUTPUT	...	1,200 r.p.m.	1,500 r.p.m.
"ROCKSIZER" CRUSHER FLYWHEELS	...	322 r.p.m.	322 r.p.m.
PLATE APRON FEEDER COUNTERSHAFT	...	158 r.p.m.	158 r.p.m.
MAIN DELIVERY CONVEYOR COUNTERSHAFT	...	107 r.p.m.	107 r.p.m.
MAIN DELIVERY CONVEYOR HEADSHAFT	...	77 r.p.m.	77 r.p.m.
MAIN DELIVERY CONVEYOR BELT SPEED	...	255 ft.per min.	255 ft.per min.
2-WAY MITRE GEAR BOX (INPUT/OUTPUT)	...	161 r.p.m.	161 r.p.m.
SIDE CONVEYOR HEAD DRUM	...	80.5 r.p.m.	80.5 r.p.m.
IDE CONVEYOR BELT SPEED	...	274 ft.per min.	274 ft. per min.

220592 97501908

MISC CHQ 5411 12 002 QPAID 900.00

MISC

HUNTINGDON PLANT HIRE

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