

SESA GOA LIMITED

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30th October, 1993.

Mr Sunil V Rao,
 Regional Manager,
 M/s. Perma Weld,
 350/1, Hosur Road,
 Below UCO Bank,
 Koramangala,
BANGALORE - 560034.

SUB: Performance of MAGNA Welding Electrodes.

Dear Mr Rao,

We have been using MAGNA Electrodes since last few years for salvaging some of the critical components of our Earthmoving Machineries, Compressors, Barges etc. The details of all the successful repairs are listed below:-

<u>Sl No.</u>	<u>Applications</u>	<u>MAGNA Product</u>
1.	Hydraulic 3 Stage Lift Cylinder of Haulpack 35T	100/303
2.	Final drive casing of CAT D-9 Ripper cum Dozer	100/303
3.	Hydraulic Drive Gear System - gear teeth of Tata Hitachi build-up.	303
4.	Marine Bronze Propellers	77F
5.	CAT D-966-Chassis Repairs	305
6.	Torque Converter Housing of Haulpack Dumper Cracks	100/505
7.	Aluminium Allison Transmission Housing - CLBT 750 of Haulpack Dumper-cracks and build-up.	505
8.	Cummins Engine Block - OilGallery-Crack	770
9.	NWM Engine Blocks of Haulpack	770
10.	Pressure Hydraulic Pipes of Tata Hitachi	303
11.	Housing of Atlas Copco Compressor Cracks	770

APPLICATION LISTINGS - MINES

A FEW OF THE RECENT REPAIRS WHICH WERE CARRIED OUT SUCCESSFULLY IN GOA

CUSTOMER

APPLICATIONS

MAGNA PRODUCT

SESA GOA LIMITED

Hydraulic 3 stage lift cylinder Haulpack - 35 T.

100/303

CAT D-966 Ripper Dozer-final drive casing.

100/303

CAT D-966-Chassis repairs.

305

LEYLAND 027 - connector shaft.

303

Torque Converter Housing of Haulpack dumper cracks.

100/770

Gear box housing of Haulpack dumper - cracks.

100/770

Aluminium transmission housing crack of Haulpack dumper-cracks and build-up.

505

Hydraulic pump shaft splines of Tata Hitachi Excavator - build - up.

77F

Tiscral to MS Mining Chassis repairs and reinforcements.

305

Cummins E/e block Oil gallery

770

JCB Excavator E/e block

770

Wheel rim locks of Terex wheel loaders.	303
Pressure pipes of Poclán 170 - leaks.	303
Exhaust Manifold of CAT 966D build - up.	770
Suspension brackets of Haulpack.	303/303
966 D Loader frame - cracks.	303
Transmission Manifold of CAT 966 D wheel loader - bore build-up.	405
Differential Housing bracket of Haulpack.	303

V H SALGADCAR & BRO.
LIMITED

1. Central Workshop	Supporting tube of main frame - D 155 Komatsu traxcavator - cracks.	100/303
2. Suria Mines	Hub-keyway of Huber motor grader - cracks.	770
	Hydraulic oil filter body of D-155 Komatsu traxcavator - cracks.	303
	Under carriage and Idlers of D -155 Traxcavators - cracks.	100/303
	L & T Poclán 300 CK Loader - Bottom dump - Bucket Lip corners.	400



I.T.C. LIMITED

PULKESHINAGAR P O BANGALORE 560005
TELEPHONE 576661/10 TELEGRAMS POWHATTAN TELEX 295 ITCO BG

INDIA TOBACCO DIVISION

BL/425

December 24, 1991

Mr. Sunil V. Rao,
Regional Manager,
PERMAWELD,
250/1 Hosur Road, (Below UCO Bank),
Koramangala,
BANGALORE 560034

Dear Mr. Rao,

We have been using your MAGNA ELECTRODES - 303, 770, 100, 390, 405, 305, 75F, 77F AND 55 since the last few years and we are pleased to inform you that we are thoroughly satisfied with the performance of them. These are always necessary for us to ensure CONTINUOUS PRODUCTION without breakdowns and DOWNTIME.

Just to recapitulate a few instances where we have used your electrodes successfully without having to REPLACE costly equipments and parts. These are :

MAGNA 303 :

- * Structure Welding of 3 Tier Leg Vibrators
- * Counter weight of VOV Conveyors
- * Stainless steel Troughs of VOV Conveyors
- * IN-SITU Welding of Doffer shafts of Product Bins

MAGNA 100

Some time back, we had a serious problem dismantling the cutter drum shaft of our K.T.C. machine. The bearing had siezed and could not be removed from the shaft. MAGNA 100, your chamfering electrode came in very handy and we were really surprised to see the ease with which the inner race of bearings were gouged out without any damage to the shaft which was put into use again. Otherwise the shaft would have had to be IMPORTED.