



MGC-RST Mining Lda

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Introduction

Brief about MGC-RST Mining Limitada:

MGC-RST Mining Limitada incorporated in Mozambique is a partnership entity between **Matekane Group of Companies from Lesotho** and **RST Mining and Logistics from India**. It is presently carrying out coal mining operation for **JSPL Mozambique Minerais Limitada** at Chirodzi, Tete Province of Mozambique. Board and management team is made up of individuals with significant experience across the key areas of mining, operations and finance. The team enjoys strong support by a group of well experienced professional in the fields of Mining, technical, social and environmental.

MGC Group was founded by **Mr Sam Matekane** in 1980 with the specific aim of providing a fast, efficient plant hire service to civil engineering and earthmoving projects. Based in Ha-Foso, the Group now has a fleet of 280 large earthmoving units. MGC later diversified in to construction sector and this business has grown into a multimillion dollar construction company.

MGC ventured into mining in 2003 when it won the mining contract for Letseng Diamond Mine. From there, MGC won more contracts in Lesotho from other mining companies. Since 2004, MGC is the contractor of choice in Lesotho and has moved in excess of **120 million ton of** Kimberlite & Basalt. MGC is also shareholder in a prominent Diamond Mining Venture in Lesotho.



Letseng-la-Terae Diamond-Mine

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RST Mining and Logistics founded by Major **HS Rai** has followed the deep rooted values of integrity and sincerity and developed the business in the Mining and Logistics in the coal and steel industry in India.

RST Mining started in 1998 as a logistics business and grew into a multi-faceted business in the mining industry in India providing end to end solution for mining and movement of the raw material for steel and power plants. RST is well placed in Orissa, Chhattisgarh and Jharkhand provinces of India and is delivering mining and logistics services to some of the top companies in steel and coal industry.



Purpose / Objective:

The main purpose behind formation of this joint venture company was to form a mining company to capture emerging opportunities in mining sector in Africa. In its first such endeavour, MGC-RST MINING Limitada bid for Open Cast Coal Mining project for **Jindal Mozambique Minerais Lda** at Chirodzi, Tete Province, Mozambique.

MGCRST's unique expertise along with cost competitiveness were key factors for deciding the contract in our favour. It received the LoI on 2nd Feb 2012 and commenced mining operation on 01st July 2012. These operations are planned to handle up to 20 million tons per year.

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The company has a unique strength of integrating manpower and technology thereby enhancing the core strength of its clients by delivering minerals in the safest and most cost efficient processes respecting the environment and enhancing the lives of the local communities and its team members. It has been immensely successful in achieving this objective in its very first project in Mozambique and is looking to capture more opportunities in Coal and Iron Ore Open Cast Mining.

The company since its inception has been focusing on few key areas including clients, community and the employees to ensure long term sustainability and growth. Our Indo-African professionals provide you with a fully integrated mining solution.

Accordingly our **Vision**, **Mission** and **Core Values** shown below have been formulated to reflect the best interest of the clients and society: -

Vision

To grow into a globally respected mining company by integrating manpower and technology thereby enhancing the core strength of its clients by delivering minerals by the safest and most cost efficient processes respecting the environment and enhancing the lives of the local communities and its team members.

Mission

Striving to exceed commitments to client, community and team members by employing trained and motivated manpower at its area of operation.

Core Values

To conduct its operations with the following core values instilled in each team member:

- *Discipline*
- *Integrity*
- *Energy*
- *Training*
- *Safety*

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Profile & Experience

Company's Management

Name	Designation	Nationality	Mail ID	Photograph
Mr SN Matekane	Chairman	Lesotho	sam@matekanegroup.co.ls	
Mr HS Rai	Managing Director	India	rai@mqrst.com	
Mr Tom Ferreira	Director Technical	South Africa	tom@mqrst.com	
Mr HF Coetzee	Director Operations	South Africa	ferreira@mqrst.com	
Mr Deep Kamra	CEO	India	deep@mqrst.com	

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Name	Designation	Nationality	Mail ID	Photograph
Ms Sarah Coetzee	Chief Financial Officer	South Africa	sarah@matekanegroup.co.ls	
Mr Rajesh Kamani	Commercial Head	India	rajesh@mgcrst.com	
Mr RM Pandey	Head Admin & Coordination	India	ram@mgcrst.com	
Mr M Pandey	Head HR	India	manoj@mgcrst.com	

Company's Profile & Experience:

1. Technical:

MGC RST has extensive experience in drilling, blasting, loading, hauling and support work to all of the above. The current operation is in hard Basalt rock with an SG of 2,7 ton per BCM and compressive strength of 220 Mpa. Kimberlite has an SG of 2.5 ton per BCM and compressive strength of 100 Mpa. The basalt production is 23 million ton per year. The Kimberlite consists 6.5 million ton per year.

MGC RST also has extensive experience in load and haul of coal and drilling and blasting in quarry applications. The benefit of working with us is our

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ability to create a harmonious relationship with the local communities and stay synchronized with the client's requirements.

Details of experience in minerals being excavated by MGC RST are shown below: -

Year	Name of Pay Mineral Handled	Annual Excavation in Million Tonnes
2011 -12	Lime Stone, Bauxite, Iron Ore, Coal, Kimberlite, Basalt etc. combined with OB	24
2010 – 11	Lime Stone, Bauxite, Iron Ore, Coal, Kimberlite, Basalt etc. combined with OB	22
2009 – 10	Lime Stone, Bauxite, Iron Ore, Coal, Kimberlite, Basalt etc. combined with OB	20

Besides mining sector, the company also has experience in following fields:-

- Experience of setting up, operating & maintaining crushing unit.
- Experience of handling bulk material by road / rail.
- Experience of developing infrastructure like roads, bridges, buildings etc.

2. Equipment:

The equipment for new projects are specially selected to suit the operational requirements. The current fleet of equipment consists of: -

- 7 x 100 ton excavators Caterpillar 385/390.
- 4 x 40 ton excavators Caterpillar 336.
- 6 x 50 ton excavators Volvo EC480.
- 6 x 5 ton loaders Caterpillar/Volvo 966/950/L120
- 1 x 25 ton loaders Caterpillar 992.
- 22 x 40 ton dump trucks Caterpillar 773.
- 12 x 55 ton dump trucks Caterpillar 773.
- 5 x 100 ton dump trucks Caterpillar 777.
- 23 x 30 ton on Highway trucks Volvo FM400.
- 8 x 18 ton motor graders Caterpillar 140 G-K.
- 25 x 10m3 tipper trucks Mercedes Actros.
- 90 x long distance tippers Tata & 32 x support equipment

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The equipment is managed on a system that monitors the profitability of each machine to assure productivity is kept at an optimum level and maintenance is given paramount importance to achieve the optimum life.

3. **Details of Mining Contracts:**

#	Completed Projects:
1	Liqhobong Mining
2	Kao Mine Drilling
3	Infrastructure Mafeteng
4	Maseru Water
5	Drilling & Blasting Kolo (Diamond Mine)

#	Current Projects in Africa:
1	Letseng Mining Operation (Diamond Mine)
2	Liqhobong Mine (Diamond Mine)
3	Lemphane Mine (Prospecting)
4	Water supply Pitseng
5	Water purification Maseru
6	Township development
7	Office complex

#	Current Projects in India
1	JSPL Raigarh - Transportation of Coal from mines to Plant (55 Km) -6.00 Million MT in 5 years
2	JSPL Barbil - Loading and transportation of sized Iron Ore from Mines to Railway Siding - 7.50 Million MT in 5 years
3	New Era Solutions, Charkhi Dadri, Haryana - Drilling, Blasting & Excavation of Granite - 3.80 Million MT in 1 year
4	Monnet Ispat & Energy Ltd Raigarh - Railway Siding Management Loading/Unloading of size iron-ore , coal and sponge Iron etc - Iron Ore: 25 Rakes /month, Coal: 10 Rakes /month & Outgoing rakes: 15 /month

- **About Chirodzi Coal Project:** MGC-RST MINING Limitada bid for Open Cast Coal Mining project for Jindal Mozambique Minerais Lda at Chirodzi, Tete Province, Mozambique. The company won this project against 11 other international bidders and the project was operationalized in a record time frame.

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The mining operations commenced on 01st of July 2012 and have since been running smoothly. Starting initially with Volvo Machines, the equipment configuration is gradually undergoing change to meet the changing production requirements of the client. Brief details of the project are shown below: -

- Date Contract Signed: 04 Apr 2012
 - Operation Commenced: 26 July 2012
 - Contract duration: 5 years.
- **Site Photographs:** Few site photographs of the company's operation at Chirodzi Coal Project Site at Tete, Mozambique are shown on next two pages.



D7R in Grubbing Operation

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EC 480 D Operational at Coal Bench



Volvo EC 480 D and Volvo FM 400 in Operation

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Blasting at Chirodzi Coal Mine



Articulated Dump Truck in Operation

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Maintenance of Haul Road in Progress



Recent Mine Pit Photograph

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6. **Professional Capabilities:**

In MGC-RST Mining, MGC and RST have joined forces to form a new force in the mining industry. Putting MGC and RST together created an entity with exceptional values, experience and capabilities. Brief details of professional capabilities are shown below: -

- **People.** We believe that the most important asset of any business is the people driving the execution of each project. Toward this end, MGC-RST has built a team of qualified professional to represent best skills in the industry by finding and selecting the best suited members for each position. The ability to keep the team members motivated is the strength of the Management team. The current complement has Qualified South African and Indian members efficiently managing round the clock mining operations. The mining team consists of following: -
 - Mine Managers & Mining engineers
 - Mechanical and Electrical engineers
 - Maintenance teams
 - Human resource & Admin and Finance managers
- **Empowering Local Community by Imparting Training.** MGC-RST Mining Limitada has already employed a 300 skilled work force and our main focus is on employment of maximum local manpower. To achieve this objective, we are in the process of opening a training school with qualified training instructors who will provide training in various trades free of charge and issue a competency certificate on completion of course. This facility is grooming locals not just in matters of automobiles but also soft skills such as English and basic knowledge of computers, etc. With cut model rooms, system charts and a computer lab, it is set to transform natives of surrounding areas around the mine into proficient drivers, mechanics with added knowledge of Basic English and Computers. The basic objectives of imparting training to the local populace are: -
 - To create job opportunities in local vicinity.
 - To develop right attitudes towards driving responsibilities, instil understanding of Traffic Regulations and create good driving habits.
 - Sound theoretical and practical training imparted to mechanics

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and electricians will help keep high percentage of the fleet road worthy and reduce mean time between failures (MTBF).

- The facilities already available and being utilized to impart training are as under: -
 - **Live Working Models:** Live working models of all systems of Tippers have been fabricated and are available. Main emphasis during training of locals is to use live working models for imparting practical training to candidates selected on the basis of screening test.
 - **Cut Models Display:** To explain the internal working of various systems and sub-systems.
 - **LED Displays:** To explain the working of various sub-systems with help of LED lights coming on in sequence to depict the working of the particular systems.
 - **Test Ground:** A proper Test Ground has been created for practical training in the near vicinity where candidates after being put through theoretical and live model based training are taken and imparted practical driving training.

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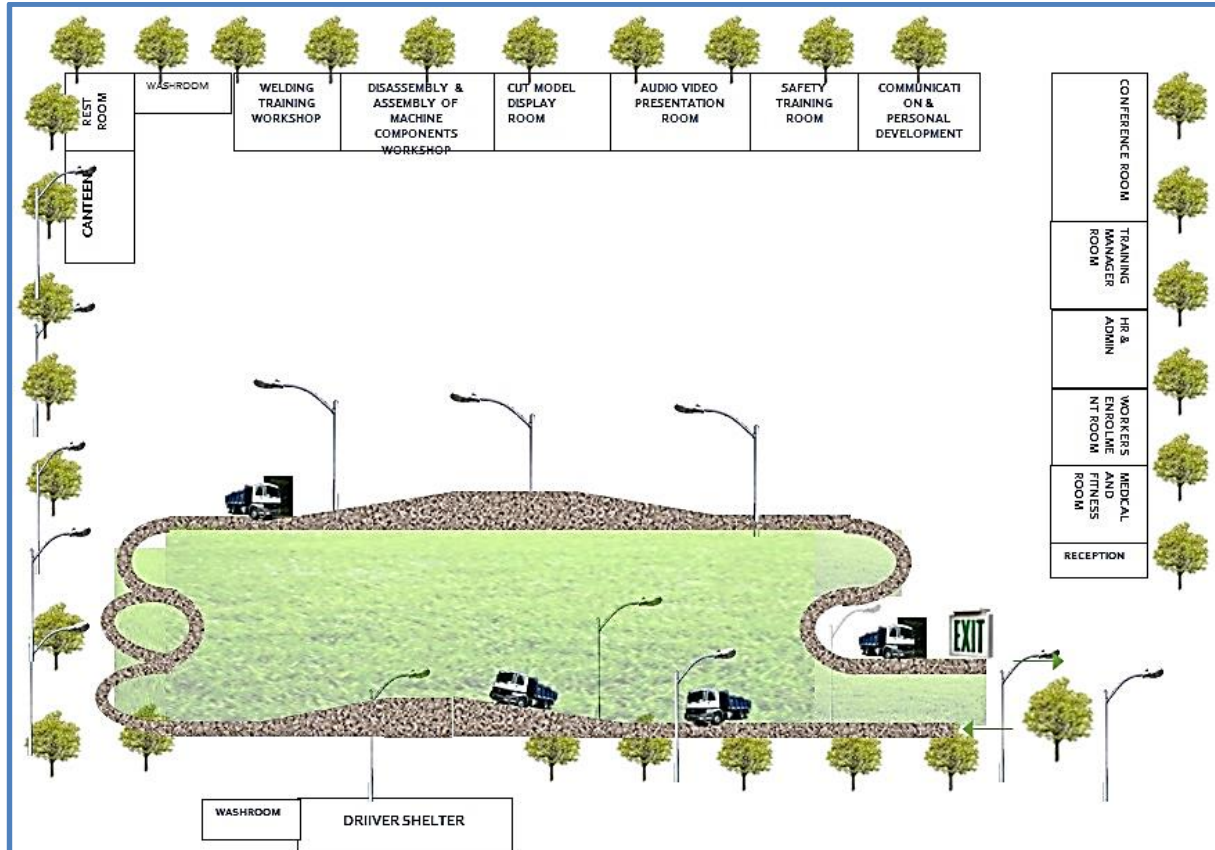
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Test Ground for Practical Training of Drivers

- **Soft Skill Training:** Limited training is imparted to the candidates in soft skills to include operation of computer, health & Hygiene and English speaking.
- **Audio/Video presentation:** These are used for theoretical training before moving on to cut-models and LED Displays.
- **Driving track:** A driving track has been created in the vicinity depicting actual driving conditions to impart practical training to the drivers. Nuances such as correct engagement of clutch and gear and necessity of gear reduction to negotiate gradients are practically explained, demonstrated and practice imparted to the candidates.
- **Environment Protection.** Adoption of following measures to ensure protection of environment: -
 - Deployment of earth moving equipment strictly adhering to pollution norms.

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- Conserving the top soil.
- Recycling of mechanical waste.
- Creating evaporation dams for contaminated water if any.
- Planting trees to have green environment.
- Minimizing use of paper.
- **Safety and Health.** Safety is given the maximum importance during operation. There is an endeavor to create safety awareness in every single member at the project site. Towards this end, following measures have been adopted to ensure highest degree of safety: -
 - Compulsory wearing of Personal Protective Clothing & Equipment by all personnel.
 - Regular tool box talks by Safety Officer.
 - Strict implementation of adherence to norms stipulated in the Company's Safety Book.
 - Personal monitoring of safety norms by Team Leaders.
 - Regular talks on health and safety by Team Leaders and professional guests.

7. **Conclusion:**

MGC-RST Mining has necessary resources to assure their clients requirement are met or exceeded. MGC-RST believes the value of their service is in the ability to deploy the right staff with correctly matched equipment systems to be able to deliver the commodity at the most efficient cost. MGC-RST is confident of providing a solution to assure the successful operation of any mining operation and would like to be shortlisted as Mining Operator in Africa.

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