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MCL News

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A Publication of Maamba Collieries Limited (Corporate Affairs Department)

Proudly Zambian



MCL enters 2014 with zero fatalities



Ms Chitalu and Ms Moosa help the first lady in lifting some of the items MCL donated

First Lady hails Maamba Collieries

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Letters to the editor

Dear readers. During the year 2013, we provided information about the direction we are taking as a company but this year, we would like to have feedback from you, the readers. We are receiving letters addressed to the editor in order for us to understand any concerns, proposals and general sentiments about the company. We will certainly respond and clarify such matters for us to move on the same page with our readers and stakeholders.

Please note however that the editor reserves the right not to publish letters that do not conform to ethical and corporate standards. Reasons for such an omission will not be provided. Employees of MCL are particularly encouraged to write letters addressed to the editor and drop them in the suggestion box at MCL Headquarters in Maamba. Attention and responses will be provided where possible. MCL feels honoured with the collaboration that exists between management and the employees and we hope this will continue for many years to come.

Letters to the editor should be emailed to phirip@maambacoal.com. Phone 0963468533

Thank you

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New Year message from MCL Chairman Mr D. Ashok

Dear Readers,

The Year 2013, which has just gone by, has been an eventful year for MCL. The construction of 300MW power project has advanced significantly and MCL has regained its position as a major supplier of coal to the Zambian economy.

The New Year 2014 will also be an exciting year for MCL with the commissioning of the power plant expected towards the end of the year.

I thank all members of MCL team, the Maamba community and other stakeholders, whose support is enabling MCL to rapidly turnaround from a sick company to an industrial powerhouse which will contribute to economic development of Zambia through value addition and job creation.

We look to the future with confidence and I wish all the readers good health, peace and prosperity in 2014.

Mr D. Ashok

Chairman



Foreword by the Resident Director Mr. Ashwin Devineni

In our previous edition, we attempted to profile a number of activities we undertook in our corporate social responsibility activities. This was our flagship for the year 2013 and we still hope to continue on that path going forward.

For us to achieve our goals, we will need the same support we enjoyed last year from our employees and members of the public. To our local community, we appreciate the role you played in whichever way to protect the company and it is our hope that you will continue to do so.

Irrespective of the business losses we made as a company, we have dedicated our efforts towards working with the local people. Along the way, we have interacted with His Honour the Vice-President Dr Guy Scott and his spouse Mrs. Scott who officiated at one of our CSR events. The year 2013 will therefore remain as a year when we scored many achievements.

I also want to congratulate the players for Zamcoal Diggers Football Club — our team — for the deserved promotion to the first division. You will put our township on the Zambian map through superior teams which will be coming to play in Maamba.

We therefore want to extend our invitation to the people of Maamba to continue supporting the team.

Thank you and enjoy the reading

Mr. Ashwin Devineni

MCL gets new legal manager



Maamba Collieries Limited (MCL) is pleased to announce the appointment of Mr Mwape Kaira as New Legal Manager of the company.

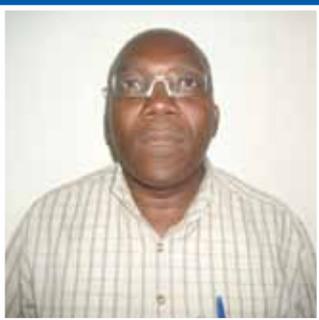
Mr Kaira is a lawyer by profession holding a Bachelor of Laws degree (LLB) from the University of Zambia. He has over 5 years' working experience in the legal fraternity.

He is also an Associate of the Chartered Institute of Arbitrators (Zambia). He has a wealth of experience in corporate and commercial law.

His competencies include general legal advisory services, Employment and Labour law, Banking law, Intestate law, Commercial and Contract law, drafting of legal documentation i.e. conveyance or land transaction documents, court documents, contracts and agreements.

Prior to joining MCL he worked for Makala & Company one of the most reputable commercial law firms in Lusaka, Zambia and recently as Legal Advisor at Standard Chartered Bank Zambia Plc.

Patrick Nalumino-New HRM for MCL



MCL has welcomed a new Human Resources Manager Mr. Patrick M. Nalumino who has been at MCL effective 1 October, 2013.

He holds a Bachelor of Arts Degree with Education from the University of Zambia.

Further, Mr Nalumino obtained his Master of Business Administration Degree.

Before joining MCL, he worked at the United Nations in Zambia as UN Cares Officer from February 2009 to March 2013. This position entailed dealing with staff from all UN agencies in Zambia. Prior to joining the UN, he worked for

the Zambia Revenue Authority (ZRA) in the Human Resource Department, where he held various positions up to that of Human Resource Manager – Employee Relations & Psychosocial.

Before joining the Zambia Revenue Authority, he worked at Kitwe City Council as Chief Administrative Officer from 1995 to April 2001.

He is a member of the Zambia Institute of Human Resource Management (ZIHRM) and Associate of the Chartered Institute of Arbitrators (UK).

Section 1 - Mining & Energy

Power plant construction now at 60%

Sixty percent of the work for the first unit of the 2 x 150 MW coal fired power plant currently under construction in Maamba was completed by the end of December, 2013.

This shows that the project is on schedule with the commissioning of the first unit which will supply 150 Mega Watts (MW) of power to ZESCO for onward transmission to the Zambian consumers, slated in the last quarter of 2014.

MCL will supply electricity to ZESCO at Muzuma sub-station via a 330 KV double circuit line, currently under construction, for on-ward transmission to the Zambian market.



Power plant project manager Mr. Gadde Ramesh uses the displayed graphic images to show how much progress has been made in the power plant construction

The company has also made tremendous progress on the other two key power plant related projects, with the construction of the water pipe line from Lake Kariba to Maamba well on course.

MCL enters 2014 with Zero fatalities

Maamba Collieries Limited (MCL) has entered the year 2014 with zero fatalities since March 2010 when excavation for coal and power plant construction started.

This is a demonstration of the company's maintenance of high safety standards. The record fits within the parameters set out by Government through the Mine Safety Department under the Ministry of Mines and Minerals Development.

MCL management has insisted on safety tips for each shift and also contractors and visitors to the mine and the power plant construction area. Environment and Safety Officer Andrew Tembo said his team will not compromise on safety.

MCL seeks to maintain this record until both units of the power plant are commissioned. Even under the mining department, the company has been digging for coal using modern equipment without any fatalities.

MCL aims at providing a safe and healthy workplace to protect all the employees, sub-contractors, visitors,

service providers and physical assets from damage and wastage.

To achieve this, the Company creates awareness on the safety requirements at every operation while ensuring that all the employees receive necessary training in safety procedures.

MCL also provides resources to maximize safe work practices and identifies hazards in the workplace and addresses them as a priority above all else to reduce or eliminate the risk of injury or harm to the employees.



MCL employees on their way to duty

MCL makes progress in pipeline construction

Maamba Collieries Limited (MCL) has made further progress in preparing the drainage for the passage of the water pipe line from Lake Kariba to the power plant.

The pipe line will supply water which will operate the power plant. The MCL contractors, SEPCO and GKC-SRR have lined

the pipe line from Maamba to Kariba while the digging is going on for the passage of the water pipeline.

To protect the environment and the ecology of the rivers, the company has sunk the pipe lines deep under the rivers so that water flows undisturbed.

Some of the trees that have been removed in the process have been replanted in line with the company's vision to protect the environment.

The pipe line will also supply water to the residents of Maamba and service the sewerage system.



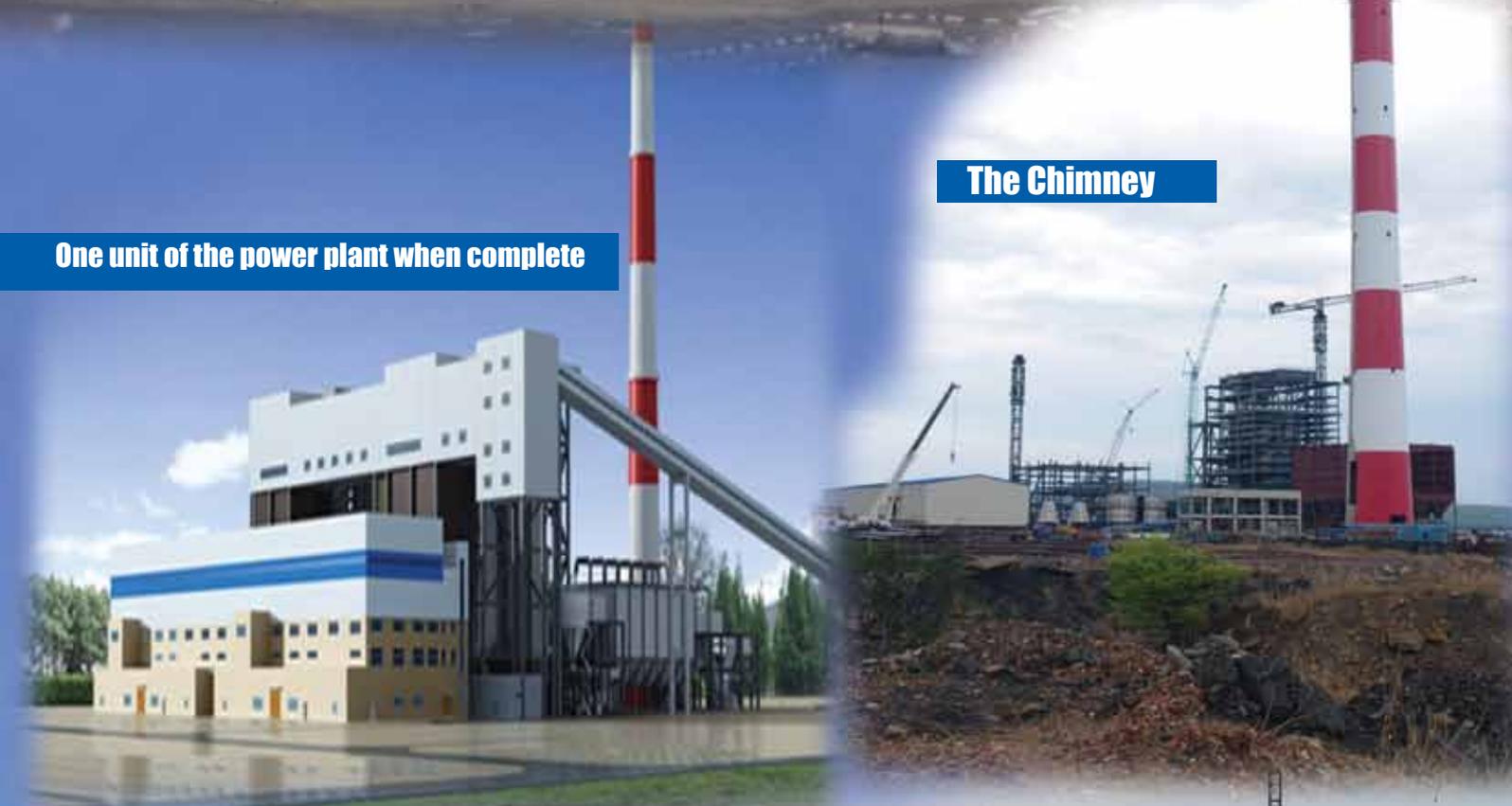
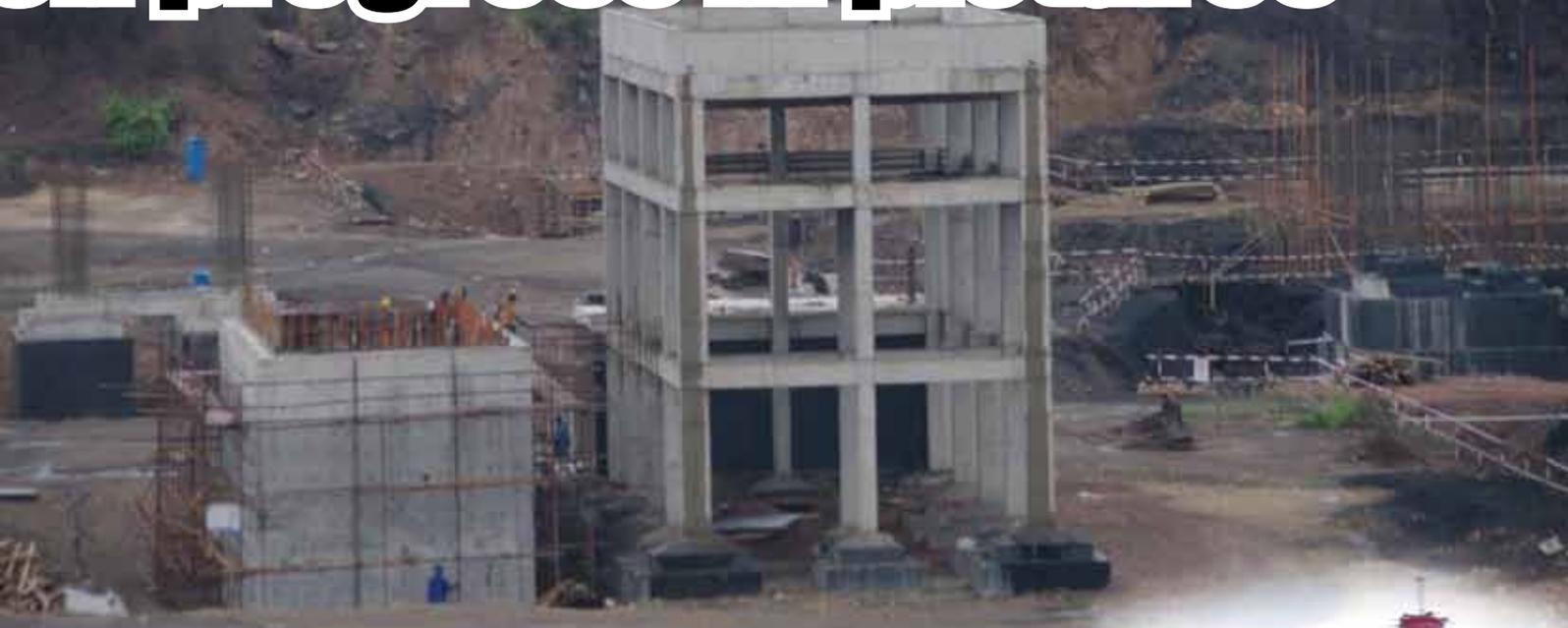
Power plant construction



Boiler - 1 Structure with water wall panels



on progress in pictures



The Chimney

One unit of the power plant when complete



First Lady hails Maamba Collieries

Continued from front page

First Lady Dr Christin Kaseba Sata has hailed Maamba Collieries Limited for donating food stuffs.

The company donated the materials to the First Lady in response to her efforts in working with the underprivileged in society.

Company representatives Mumtaz Moosa and Charity Chitalu from the Corporate Affairs Office in Lusaka were invited to State House to be part of the prayer session on Christmas eve.

Speaking during the event, Dr Kaseba Sata said MCL had demonstrated

genuine willingness to work with the community by consistently investing in corporate social responsibility activities.

Ameyenge thrills Maamba on New Year's eve



MCL holds workers' Christmas Party

MCL held a party on Christmas eve to celebrate the birth of Jesus of Christ. The event was climaxed with the donation of Christmas hampers to all the workers. The party was meant to cement unity among the employees in the company and also traditional leaders, and government officials who turned up for the event.

The company hopes to continue its support towards investing in corporate social responsibility programmes in the year 2014.

In his New Year message to the employees and stakeholders released yesterday, Chief Operating Officer (COO) Mr. Gurram Venkata Narayana said the company was confident

that it would continue to satisfy the consumers of coal. The company also took this opportunity

to reflect on the successes and challenges in the year 2013.



MCL employees during the Christmas party

Jokes and teasers

....Imagine you have spotted a high quality shirt going for K97. You decide to borrow K50 from your mum and another K50 from your dad bringing the total to K100. Then you purchase the shirt for K97 and remain with K3 change.

You then return K1 to your mum, another K1 to your Dad and keep the other K1 with you. This means you have actually spent K49 from your mum and another K49 from your dad. So K49 plus K49 amounts to K98. If you add the K1 which you have kept, the total comes to K99. Where is the K1 balance?

...At a wedding in Church, to the congregation, the pastor said: Is there any one here who knows anything that will make this wedding not to go on? You may say now or forever remain silent.

Akpos stood up in anger and started walking towards the altar. The Groom ran out of Church. The pastor handed over the microphone to Akpos.

Akpos shouted: Tell your ushers to respect themselves. They are hitting my head in the name of waking me up from sleep!

Community relations



MCL is the largest supplier of coal and a key player in the coal mining industry in Zambia. As a responsible corporate citizen, the Company makes constant efforts to build and nurture long standing relationships with various members of society in general and the local communities in which it operates.

The core theme of MCL's Corporate Social Responsibility Policy is giving back to the society from which it draws its resources. This is done by extending a helping hand to the needy and the underprivileged.

For example, the Maamba Private Basic School, run by MCL, provides quality education to about 900 pupils from various nearby villages from Grade I to Grade 9. The pupils seen above were on tour of the mine.

MCL Step-by-step with CSR

Maamba Collieries Limited (MCL) is committed to contribute \$3 per tonne of washed coal sold, to the community in Maamba. Though coal sales have been hitherto very low, the company spent sizable money on CSR activities and will continue to do so.

- MCL is maintaining township roads while collection of garbage in the township has commenced.
- MCL sponsors the floating trophy for the Sinazongwe District Sports activities.
- In order to keep community well informed about activities at the mine, a Communications Policy has been developed. The Policy also involves publication of a quarterly Newsletter covering activities at the Mine as well as developments in the community.
- Upgrading the Sewerage System will be taken up by constructing three new sewerage ponds.
- Re-establishment of Domestic Waste Disposal Site is also planned.

Future CSR Works to be undertaken:

- Construction of Computer Laboratory for Maamba Basic School
- Construction of Science Laboratory for Maamba Basic School.



MCL constructs staff canteen



Inauguration of the new staff canteen by Chief Operating Officer Mr. Gurram Venkata Narayana

MCL has constructed a staff canteen at the mine premises. The imposing canteen is adjacent to the Training Centre and the First Aid Clinic.

The new canteen is part of MCL staff welfare scheme, meant to motivate employees. The canteen

was officially unveiled by the Chief Operating Officer, Mr. Gurram Venkata Narayana on Thursday, 28th November, 2013. The ceremony was witnessed by senior management as well as other staff members.

A Committee to oversee the operations of the Canteen has been

constituted and will be chaired by Mr Patrick Nalumino the Human Resource Manager.

The COO, during the unveiling of the canteen, emphasized that the facility should conform to high standards of quality and cleanliness.



The outside part of the Canteen

Another face

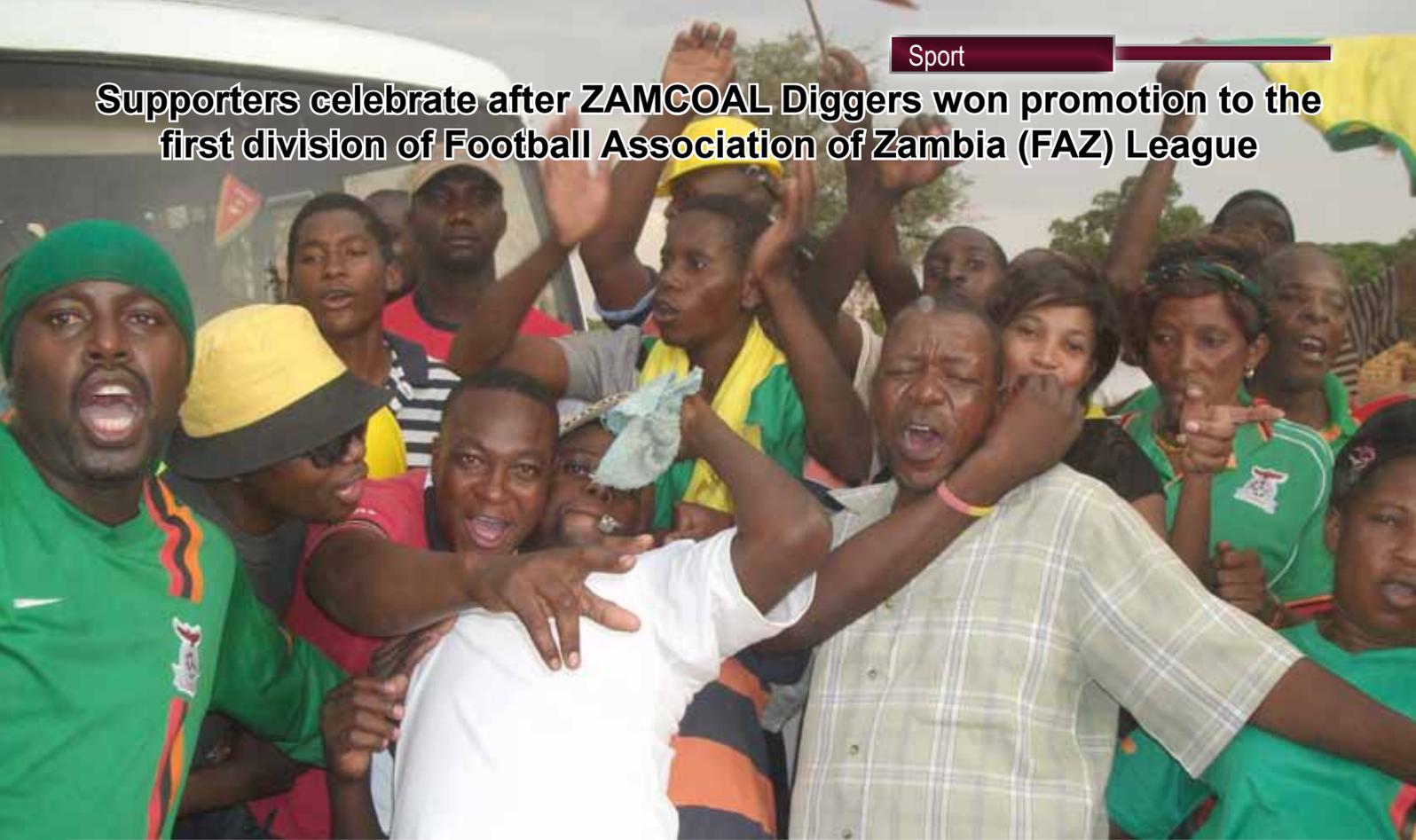
Maamba has lately changed in terms of outlook on the back of the modern and improved building structures that have been constructed by the company.

The staff canteen is part of the many somewhat modern building structures that have spiced up the town.

As opposed to the past when employees had to trek to their homes back and forth in search of food at lunch, the company has brought the service closer to the mining area.

This means that the training area, the clinic and the canteen are now closer to each other thereby bringing service closer to the members of staff.

Supporters celebrate after ZAMCOAL Diggers won promotion to the first division of Football Association of Zambia (FAZ) League



MCL's Zamcoal Diggers soccer team promoted to division one

Zamcoal Diggers Football Club which is sponsored by Maamba Collieries Limited (MCL) has qualified to the first division of the Football Association of Zambia (FAZ) league after garnering 57 points in total.

The crowning of the club in the semi-premier league was held on Sunday November 17, 2013 in Monze where the final game of the 2013 league

took place.

The promotion is a big relief for the residents of Maamba who hired a Rosa bus which ferried them to Monze to watch the game.

MCL Chief Operating Officer (COO)

Mr Gurram Venkata Narayana told the players and the residents who traveled for the match that the company would do anything within

its means to help the club.

The first division has a total of 36 clubs while the top-most (premiership) has sixteen teams. This means Zamcoal Diggers is now among the top 60 teams out of 280 FAZ clubs.

The national soccer team coach selects players from the 60 leading teams in the country.

National Soccer coach selects Maamba players

The Zamcoal Diggers Football Club has elevated its status by contributing a goal-keeper to the national soccer team. Charles Muntanga was the second choice goal-keeper at the recent CECAFA tournament in Kenya.

National soccer team coach Patrice Bamuelle selected Mr Muntanga during the month of November 2013 when the MCL-sponsored football club was promoted to the Football



Association of Zambia (FAZ) first division level.

The first choice goal-keeper Toaster Nsabata was also a Zamcoal Diggers player and was only sold in September to Nchanga Rangers football club.

Mr Nsabata has been a regular feature at the national soccer team and was also part of the CECAFA squad where he played in most of the matches. Zambia came out third.

Coal Product Specifications

MCL established a modern, Coal Handling and Processing Plant (CHPP) which has facilitated production of washed coal of different specifications with consistent quality and eliminated pollution of nearby streams.

Product Specifications

Washed Coal Nuts	Parameter	Min & max
	Size	+20 - 50 mm
	Inherent moisture %	1.5 - 1.9
	Total moisture %	3.0 - 9.0
	Ash %	18 - 20
	Volatile Matter %	18 - 21
	Fixed Carbon %	59.1 - 60.5
	Phosphorous % (Average)	0.0025
	Total Sulphur %	0.7 - 1.5
Gross Calorific Value (kcal/kg)	6294 - 6482	

Washed Coal Peas	Parameter	Min & max
	Size	+10 - 20 mm
	Inherent moisture %	1.5 - 1.9
	Total moisture %	3.0 - 9.0
	Ash %	18 - 20
	Volatile Matter %	18 - 20
	Fixed Carbon %	60.1 - 60.5
	Phosphorous % (Average)	0.0025
	Total Sulphur %	0.7 - 1.5
Gross Calorific Value (kcal/kg)	6294 - 6482	

Washed Coal Fines	Parameter	Min & max
	Size	+0.5 - 10 mm
	Inherent moisture %	1.5 - 1.9
	Total moisture %	5.0 - 12
	Ash %	18 - 20
	Volatile Matter %	18 - 20
	Fixed Carbon %	60.1 - 60.5
	Phosphorous % (Average)	0.0025
	Total Sulphur %	0.7 - 1.5
Gross Calorific Value (kcal/kg)	6294 - 6482	

Unwashed Coal Fines	Parameter	Min & max
	Size	+0.5 - 10 mm
	Inherent moisture %	1.0 - 1.4
	Total moisture %	5.0 - 12
	Ash %	21 - 25
	Volatile Matter %	17 - 19
	Fixed Carbon %	55 - 59.6
	Phosphorous % (Average)	0.0025
	Total Sulphur %	1.6 - 2.5
Gross Calorific Value (kcal/kg)	5824 - 6200	

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