



MCL News

January - March 2015

Issue No. 010 | A Publication of Maamba Collieries Limited (Corporate Affairs Department)

ZESCO top management team visits MCL

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Mining and Power plant

In brief: MCL milestones since 2010

- Zero fatalities since the company started operations
- Improved the status of the mine from the primitive rat-hole mining into a benched modern, open pit mine with safe operations.
- Doused the self-ignited fires that destroyed the environment everyday before MCL took over
- Won the Environmental Award 2012 in recognition of safety and environmental protection
- Installed a USD25 million coal washing machine to customer requirements
- Had Zamcoal Diggers football club promoted to first division in 2014, the first time in many decades
- Spent over USD1 million in CSR, the headliner being the construction of the eye clinic at the University Teaching Hospital in Lusaka
- Sponsored medical camps and treated and screened over 2000 residents of Maamba and the surrounding areas



2 x 150 Megawatts power plant under construction

Message from the Resident Director



Today I wish to address the important issue of 'safety at workplace.' Since we started excavating the first block of coal in 2010, we have recorded a 100 percent achievement with our policy. The policy of 'zero fatality' is of utmost importance to all of us.

each and every employee of MCL to ensure that every one remains safe. Where there is uncertainty, we must always remind each other to correct whatever may have caused this uncertainty. The Government and other stakeholders have always reminded us of the need to be extremely strict, as employees, when it comes to preparing our work-tools so that our lives are protected from any harm.

On behalf of the Board, Management and fellow employees, I wish you good, productive and safe years ahead.

It is our desire that as a company, we must not lose life resulting from failure to take precautions during our work. It is the duty of

Sincerely yours,
Ashwin Devineni
Resident Director

Message from the Chief Executive Officer



Rear Admiral Venkat Shankar (Retd.)

A lot has happened since I joined you late last year. We have continued to work hard for the betterment of the company and our stakeholders in the community and outside Maamba.

It therefore gives me a great pleasure to know that the MCL team is well blended, resourceful and hard working. We must take advantage of this unity to boost production and make more impact on the community and for the development of the company.

We are all members of MCL and as such, we must take pleasure in believing that we are people of equal status. This understanding will help us RISE as one!

Finally, I wish to remind you all that safety at workplace and home is of paramount importance.

Sincerely,

Rear Admiral Venkat Shankar
(Retd)

ZESCO top management officials visit MCL

The ZESCO Acting Managing Director, Mr. Victor Mundende accompanied by five other senior officials from the Company visited MCL on Wednesday 4th March, 2015 to acquaint himself with the progress made in the construction of the Thermal Power Plant. Mr. Mundende and his entourage were impressed with the magnitude of the project and overall progress made by MCL so far.

ZESCO Director of Finance Rodgers Chisaubi and Director of Corporate Affairs Bestty Phiri were also in the entourage. The officials observed that the current status of the project would enable them plan better as they try to synchronise the transmission grids at Muzuma. MCL welcomed this opportunity to showcase MCL to ZESCO MD and Directors.

Construction of 63 houses of project-affected families nearly complete

Construction of sixty three (63) modern houses and other related infrastructure for Project Affected Persons (PAPs) is now almost complete.

The houses are for the families to be relocated due to the construction of the Thermal Power Plant (TPP) pipe line and the expansion of the mine. Construction is now at about 85%

complete and only 15 per cent of the overall work is remaining.

The breakdown of houses being constructed is as follows: One bedroomed 28, two bedroomed 28 and 3 bedroomed 15 and 1 extra. The Project Affected Persons (PAPs) are constantly consulted in this project to ensure that they are fully satisfied.



Houses for people affected by the project

Shoprite (Z) Limited eyes Maamba Township

Maamba town is slowly attracting the attention of top-class investors following the huge impact Maamba Collieries Limited has exerted on the community of Maamba and the district in general.

MCL hosted a delegation of senior management officials from Shoprite Checkers to look at the potential for investment.

Members of the delegation included, Mr. Charles Bota – General Manager, Joseph Chilinda and Mr. Tanga Makoza Zulu. Two (2) MCL Directors, Mr. Essau Nebwe and Renus Mushingi. The delegation visited MCL and Maamba Township on Friday, 27th March, 2015 to look at a number of potential sites for construction of a shopping mall in Maamba Township, which would be anchored by Shoprite (Z) Zambia Limited.

The officials were shown a Boardroom presentation on MCL activities before they toured the township. They expressed gratitude over the investment being done in Maamba Township that had led to increase in employment opportunities thereby creating a lot of business potential.

Maamba Township is in dire need of modern infrastructure such as banks, filling stations, shopping malls to cater for increasing needs of the community.



Shoprite (Z) Limited, MCL Directors and MCL Management during a Boardroom presentation

Mine Safety boss visits MCL

Mine Safety Department (MSD) senior officials visited the mine from Sunday, 16th March, 2015 to carry out an audit of operations as well as acquainting themselves with current mine activities and construction progress of the Thermal Power Plant (TPP).

The team comprised Mr. Gideon Ndalama Director of Mine Safety Department, Mr. James Chisenga (Senior Inspector of Mines), Mr. Desiderius Chapewa (Geologist) and Ms Bernadette Mwakateya (Principal Planner). MCL Management gave a Boardroom presentation that covered Mining, Thermal Power Plant (TPP) construction, Coal Handling and Processing Plant (CHPP), Safety, Environment, Human Resource and Corporate Social Responsibility (CSR) activities, before the team was taken on a conducted tour of the Mine, CHPP, TPP construction site and its related infrastructure.

The Director of Mines Safety explained that the purpose of the visit was to carry out the scoping of mine operations so that Government may be in a position to make prudent decisions on mine operations in the country and also to allow the mining companies to bring up issues which require solutions from Government.

The officers appreciated the mine operations and the progress of the Thermal Power Plant (TPP) construction achieved so far.

The Mine Safety Department Director was particularly impressed with the progress MCL had made since its privatisation in 2010.

This great achievement has seen the Mine change status from a Class 3 mine to a Class 1 mine. The Mine Safety Director urged MCL management and staff to keep up the good work.

The MSD team admitted that the TPP was a massive investment which would have positive effect on the Zambian economy.

Further, the team informed management that the visit to Maamba mine was of great importance because its findings would help the Government understand the operations of Maamba Mine and enable it to make informed national economic decisions.

The Chief Executive Officer expressed gratitude on the visit as it accorded mine management an opportunity to liaise with senior Government officials who were in a position to give technical advice and solutions to some technical challenges the mine may be facing as well as recommending appropriate action to Government.

MCL CEO addresses employees

The Chief Executive Officer, Rear Admiral Venkat Shankar (Retd), addressed staff members on Saturday, 14th March, 2015.

The CEO, emphasised, among other issues, the need for all employees to work hard in their various assignments with team work in order to enable the company attain financial closure for the TPP Project, and gave general update on progress of the TPP Project.

He said the attainment of the Financial Closure was critical for the company because it would help the company complete the TPP Project on schedule.

He also took some questions from staff members that mainly bordered on staff welfare.



Home Affairs Deputy Minister visits MCL

Home Affairs Deputy Minister, Rt. Col. Gerry Chanda along with other Government Officials visited the SEPCO camp and Thermal Power Plant construction site on 25th March, 2015 to acquaint themselves with the operations of the company. The Deputy Minister was particularly interested in the number of expatriates that were working for SEPCO and to find out how many local people had been employed by other contractors working under SEPCO. SEPCO is the main contractor for the construction of the 2 x 150 MW power plant. The visit was prompted by unverified reports that SEPCO had employed a lot of foreign nationals even for jobs that could be done by Zambians. MCL and SEPCO

senior management officials received the Honourable Deputy Minister and his team.

A boardroom meeting was held before the Minister and his entourage was taken on conducted tour of the Thermal Power Plant construction site. During the meeting, the Hon. Minister was informed that the Thermal Power Plant (TPP) that was being constructed was the first of its kind in Zambia and therefore needed a lot of specialised personnel in technology, quality and safety. The Minister emphasised the need for expatriate employees to transfer technical skills to local staff. He was impressed with the massive project and the construction progress that had been achieved so far.

Deputy Minister Col. Chanda's visit in pictures





Gender and Labour Day at MCL



On 8th March, 2015, Maamba Collieries limited female employees joined other women from all walks of life to celebrate the International Women's Day at Kanzinze Football Stadium under the theme, "Gender is my agenda, make it happen".

The occasion was graced by the Sinazongwe District Commissioner, Mr. Dodo Sindaza and Heads of Government Departments and private companies.

Maamba Collieries Limited was represented by the Chief Operating Officer, Mr. Gurram Venkata Narayana.



MCL female employees pose for photos during the International Women's Day.

SECTION E - SAFETY

Brief to staff by Environmental Consultants from Golder Associates

Consultants from Golder Associates addressed staff members on Thursday, 4th March, 2015 on issues pertaining to Health, Safety, Environment and Social Management Plan (HSESMP).

The Consultants emphasised the need for all employees to ensure that HSESMP issues are well taken care of. Staff members appreciated the address and requested that the SHEQ Department produces brochures so that employees can get more information on HSESMP issues.



Golder Associate Environmental Consultant, Mr. Armitage Nyundu, addressing staff members

Safety is priority number 1

Safety is of paramount importance to workers. MCL ensures that workers do not engage in activities such as these. They dent the image of

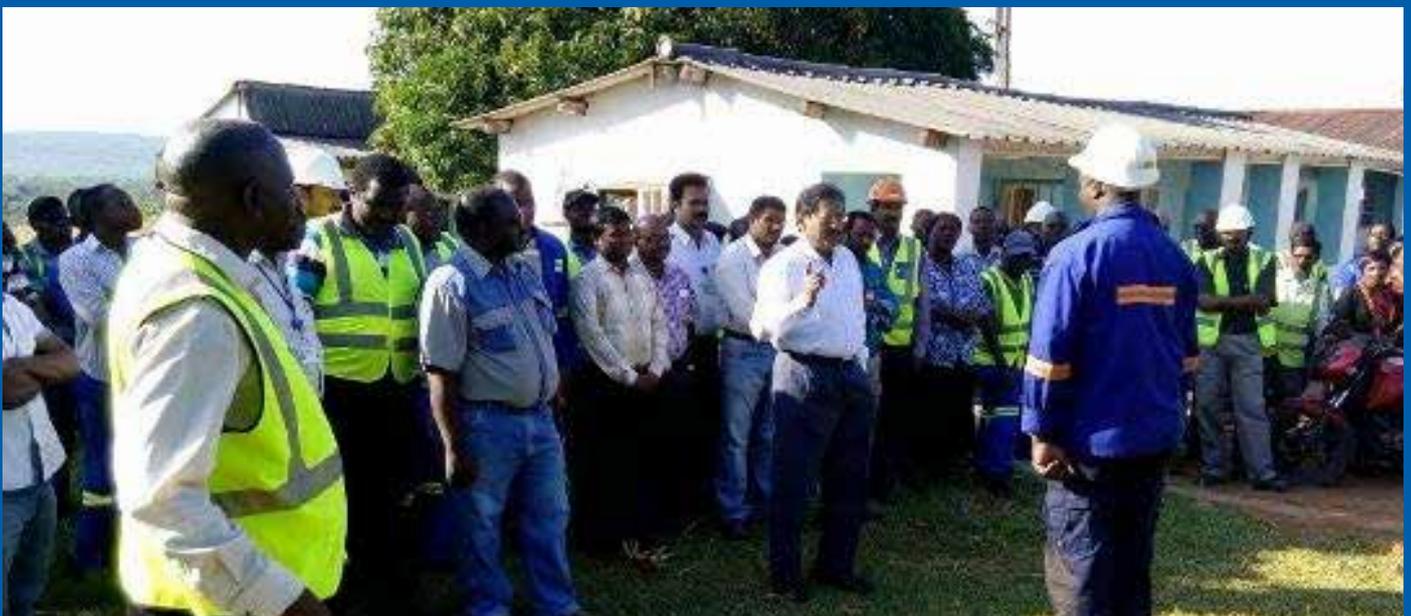
the company and workers warned against lack of seriousness with safety.



Chief Operating Officer conducts first aid demonstration to staff

The Chief Operating Officer, Mr. Gurram Venkata Narayana, on 25th March, 2015, carried out a practical / demonstration lesson on First Aid as a way encouraging all employees to be prepared to handle emergencies at all times. The demonstration was attended by all

employees. He appealed to the employees to update their First Aid skills so as to be able to competently handle emergencies at work places. He assured the staff that the company would ensure that all employees are retrained in First Aid.



Chief Operating Officer, Gurram Venkata Narayana briefing a Safety Officer before commencement of a practical First Aid demonstration



First Aiders attending to an "injured colleague"



Staff members watch a First Aid demonstration lesson



First Aiders helping an "injured colleague"

ZESCO Transmission Works Upgradation Project Manager visits the Thermal Power Plant construction Site

The ZESCO Transmission Up-gradation Project Manager, Mr. Francis Namakunda, visited the TPP Site on 14th March, 2015 to acquaint himself with the construction progress of the 330 kV Double Circuit Transmission Line (DCTL) line, line bays at Muzuma Substation and the Thermal Power Plant Project.

Maamba Collieries Limited is constructing a 46km transmission line from Maamba to Muzuma Substation in Choma District. Out of a total number of 109 towers required for the transmission line, 95 towers had been completed by early April, 2015. Further, 202.1km out of 642.9 km (15km out of 46km) conductor length has been pulled.





SJB Tower after erection and installation of accessories



SZA2 Tower after erection and accessories installation



After conductor pulling and accessories installation between Towers G107-G94

Zamcoal Diggers coach says 'we must rise again'

Maamba Collieries Limited-sponsored football club coach Chris Chibuya has said he will ensure that the club bounces back to the first division of the Football Association (FAZ) league.

In his analysis of what led the club to lose too many matches in the touch first division league, Chibuye said there were inadequate preparations with some players reporting late to training due to work commitments.

He will liaise with management to ensure

that certain things are corrected before the next set of games.

During the 2014/15 season, the MCL-sponsored side qualified to the first division for the first time in many decades after the company revived the club and improved the training infrastructure.

Chibuye took over the club midway the season after at least half of the games were played. He has now recruited 14 new players from schools and the community within Maamba.

Maamba Private School gets computers

Maamba Collieries Limited (MCL) is refurbishing one classroom at Maamba Private School in order to convert it into a computer laboratory.

The company has also procured computers that will be donated to the school to enhance the teaching and learning of computer lessons at the school.

The decision was reached in line with the new system introduced by the Ministry of Education to provide computer lessons in schools.

Maamba Private School is wholly run by

Maamba Collieries Limited under Maamba Development Trust (MDT) which was registered separately to facilitate the management and provision of corporate social responsibility.

The school provides Pre - School, Primary and Secondary School education to children of Maamba Collieries Limited staff and non staff members within the community.

The performance of the school has been exceptional at Grade 7 and 9 national examinational levels.



Maamba Private School

JOKES



1. 18 University of Zambia professors were told to sit in a plane. When the plane was about to take off, they were told the plane was manufactured by their own students. 17 of them ran out of the plane and only one remained and sat confidently in the plane. When he was asked why he was still sitting he said, "If the plane was made by our own students, trust me it won't even take off."
2. A Monkey and a Baboon were seated next to each other during a service in Church. The Pastor said; turn to your neighbour and say you are beautiful and adorably created in the image of God. Monkey looks at the Baboon for a moment and then laughs out loudly and tells the Pastor....eish, tell him yourself, I don't want to lie in Church.
3. Mabvuto from Lusaka walked into a bar aggressively and shouted his order to the bar man, give me 250g of steak and then give everyone 500g steak because when I eat, I want everyone else around to eat. The bar man processed his order and gave out to everyone also. They all ate the food. After that, Mabvuto shouted to the bar man again, give me a bottle of Brandy and give everyone else theirs. The bar man did the same. Mabvuto went on, give me a bottle of whisky (Johnny Walker Black Label because when I drink, I want everybody to drink. Everyone was happy and sung praises for Mabvuto saying Mabvuto is the real man. When Mabvuto finished his drink, he shouted again, "give me my bill and give everyone else their own bill because when I pay for my drinks, I want everyone else to pay theirs. His funeral is this Saturday.
4. An old farmer wrote a letter to his son in prison. Son this year I will not plant cassava and yam because I cannot dig the field, if you were hear you would have helped me. The son replied to his father saying "Dad, dont even thinking about digging the field because that is where I buried the money I stole. Zambia Police and Prison officials, upon reading the letter went early in the morning to the house, dug the whole field in search of the money but found nothing. The next day, the son wrote another letter saying: Dad, you can now plant your cassava and yam. This is the best I can do from here. His Dad replied, haa, my son, you are too powerful indeed, even in prison you will command police men to dig the farm for me. I was surprised to see several police officers holding hoes and shovels, digging my farm. I will write to you when I want to harvest.

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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