

Mine Metallurgical Managers' Association

COUNCIL : 2009/2010

President

E A Dhlamini
Anglo Operations Ltd – Kleinkopje Colliery

Senior Vice-President

GJ Jonck
Exxaro - Technology

Junior Vice-President

C A Roode
Metenco

Immediate Past President

G A Cormack
Central Rand Gold

Elected Members (until 31 August 2009)

CC Horsley
Rand Refinery

K McMillan
Anglo Operations

R E L Pobe
UraMin Inc

Elected Members (until 31 August 2010)

C J Dunne
Impala Platinum – Mineral Processes

MM Valenta
Metallicon Process

P A P Fouche
Exxaro Research & Development

District Representatives

Central District

R Vorster
GFL Mining

Eastern District

K Martin
Arnot Colliery, Exxaro

Northern District

J Prinsloo
Anglo Platinum Mototolo

Rustenburg District

L Nyandeni
Anglo Platinum - WLTRP

Southern District

L T van Niekerk
Beatrix Gold Mine

Co-opted

N G C Blackham
De Beers Consolidated Mines Ltd

T T Ndlovu
Sasol Mining

SAIMM Observer
M Dworzanowski

Secretary
S Geere

Offices
Chamber of Mines of South Africa

REPORT OF COUNCIL FOR THE YEAR ENDED 31 AUGUST 2009

Presented to members of the Association on the occasion of the Twenty-sixth Annual General Meeting held at the Rustenburg Sports Club, Rustenburg on Friday, 06 November 2009

FINANCE

Financial Statements

The financial statement appended to this report shows that revenue for the year amounted to **R713 484.00**, made up of subscriptions received from members during the year, interest earned from funds invested with First National Bank and revenue earned on the sale of Association memorabilia, plus the surplus arising from the seminars, social events and other functions held during the year under review.

Expenditure amounted to **R776 958.00**. Accumulated funds at the beginning of the financial year amounted to **R426 722.00** and, with the transfer of the current year's net loss of **R63 474.00**; an amount of **R363 248.00** will be carried forward to the new financial year.

Subscriptions

In terms of the powers vested in it by the Association's Constitution and Rules, Council fixed subscriptions for the year under review at **R 705** for Ordinary Members, **R 665** for Associate and Affiliate Members and **R 95** for Retired Members. Council made a unanimous decision not to charge Students subscription fees.

Council's decision to increase membership fees in line with inflation was taken in order to maintain the Association's strong financial base. It is considered that members receive extremely good value for their annual fee, which includes costs associated with attendance at General and Annual General Meetings and compares extremely favourably with other bodies.

Subscription collection, which has been a major cause of concern in recent years, has become an extremely slow and onerous process. The Association relies on this income for its monthly operating costs and members are requested to assist in this process by personally ensuring their subscription has been paid, and also by informing the Secretariat of any change in their contact details.

MEMBERSHIP

The membership of the Association as at 31 August 2008 was **558** (546) members, made up of **143** (142) Ordinary Members, **78** (84) Associate Members, **305** (297) Affiliate Members, **10** (1) Student Member, **10** (11) Retired Members and **12** (12) Honorary Life Members. This represents a net increase of **13 members**.

It is pleasing to note that, despite the many fluctuations currently being experienced in the mining industry, the stability of the Association has not been compromised; however it is considered that a strong membership base is essential to the continuing success and long-term survival of the Association. Council urges all members to assist in its ongoing endeavours in identifying and recruiting prospective new members.

SAFETY

This item continues to be taken as the first item for discussion at Council meetings and, with its many safety interventions, Council believes that the Association makes a valuable contribution to continued safety awareness in the metallurgical mining industry.

Safety Flashes

As part of Council's proactive approach, informative "Safety Flashes" are regularly circulated to members. These are compiled from incident reports given at the monthly Council meetings.

Chemical and Allied Industries Association

Your Association maintains close links with this forum and continues to receive reports of meetings, which are subsequently circulated to Council. Any safety items of particular interest are then disseminated to the membership at various Association meetings.

Occupational Health and Safety Policy Committee

Council would like to thank the Chamber for making documents emanating from this Committee, which is the main employer caucus for the Mining Regulations Advisory Committee, available to Council as, in this way, it can keep abreast of developments in the area of Health and Safety in the Mining Industry and take up any issues of concern with individual Mining Groups.

Safety Achievements

As well as incident reports, any safety achievements are also recorded at Council meetings. Congratulations are extended to those mines/plants that have attained noteworthy achievements. Safety achievements by mines/plants, with representation within the Association, that are brought to the attention of Council, are duly noted and acknowledgement of these achievements is given to them by letter. Association members are also kept informed electronically of these achievements.

SAFETY COMPETITION AWARDS

Since its inception 14 years ago, the popularity of this competition has not waned, this can be recognised by the large number of entries received each year. MMMA Council intends to advertise the outcomes of this competition this year to bring recognition to the safety initiative the competition represents.

The Safety Sub-Committee of Council has evaluated the entries, the measurement period being July 2008 to June 2009 and the awards will be made at the Twenty-sixth Annual General Meeting.

At the 2008 AGM, the annual Safety Awards were awarded to the following:

Category 1: Plant and Concentrators + 150TPM

Minpro Slag Plant

Category 2: Plant and Concentrators – 150 TPM

NUFCOR

Category 3: Assay Laboratories

Anglo coal Central Lab

Category 4: Smelters and Acid Plants

Mortimer Smelter

Category 5: Refineries

No winner – All entries had LTI's in the year

Certificates of Merit (No LTI's for period)

Anglogold Ashanti Sulphide Treatment Plant

Anglogold Ashanti Tailings Treatment Plant

East Gold Plant

Kopanang Gold Plant

Merensky Plant

Sadiola Plant

Vaal River Tailings

West Gold Plant

West Wits Tailings

Yatela S A

Beatrix No 2 Gold Plant

K4 Concentrator Plant

RPM Amandebult - UG2#2 Plant

Anglo Platinum - Assay Laboratory

Beatrix Assay Laboratory

Northam Platinum Laboratory

Vaal River Chemical Lab

West Wits Chemical Lab

East Acid Plant

Northam Platinum Smelter

AWARDS FOR BEST PAPER PRESENTED

Council has been concerned in recent years at the shortage of papers available for publication and, as it would like to continue the established tradition of publishing the annual circulars, appeals to members to forward papers they may have written to the Secretary for consideration by the Editorial Sub-Committee. Alternatively, members could consider adapting presentations they have made at various meetings into paper format.

PRIZE FOR ACADEMIC ACHIEVEMENT

The prize for academic achievement was awarded to Mr B E Mashike, who achieved an aggregate of 74.9% in his examinations at the Tshwane University of Technology.

PUBLICATIONS

Council would like to place on record its appreciation to the Chamber of Mines for its annual publication subsidy, which enables it to continue with publication of these prestigious Circulars. These publications, as well as being useful reference documents, are a permanent record of the Association's achievements throughout the years.

STRATEGIC INITIATIVES

Your Council, in its efforts to fulfil the function for which it was elected by members, i.e. To represent and promote the interests of metallurgical professionals in the mining industry, has initiated many projects, with the objective of improving the operational effectiveness of the Association. The MMMA council aim to have their Strategy meeting on the 26 November this year.

MPA Steering Committee

During the year the MPA Steering Committee met on a regular basis to deal with the issues that arose regarding the new qualifications. The MMMA enjoys observer status on this committee.

Qualifications, Registration and Licensing

During the year the MPAs Steering Committee met on a monthly basis to deal with issues relating to the Identification of Engineering Work (IDoEW), Professional Registration and general qualifications in the Industry. More Associations are seeing the need to be aligned with the MPAs grouping and the following are presently involved to varying degrees:

- * SA Colliery Managers Association (SACMA)
- * SA Colliery Engineers Association (SACEA)
- * Association of Mine Resident Engineers (AMRE)

- * Association of Mine Managers of South Africa (AMMSA)
- * The Institution of Certificated, Mechanical and Electrical Engineers, South Africa (ICMEESA)
- * South African Coal Processing, South Africa
- * Aggregate and Sand Producers Association of South Africa (ASPASA)
- * Mine Metallurgical Managers Association (MMMA)
- * South African National Institute of Rock Mechanics (SANIRE)
- * Mine Ventilation Society of South Africa (MVS(SA))
- * African Minerals Association (AMA)
- * Institute of Mine Surveyors

Implementation of an outcomes-based education and training-compliant dispensation in the SA Mining and Minerals Sector. The MPA Steercom participated in and made significant contributions towards the following achievements for 2008:

- An equivalency analysis performed on the certificates of competency (CoC) for managers and engineers issued by the DME concluded that automatic grandfathering be applied to persons in possession of such CoCs when they are replaced with the new OBET-compliant qualifications for certificated engineers and managers.

- The Standards Generation body (SGB) for Mining and Minerals held a very successful workshop on 18 March 2008 to resolve the framework of envisaged competency standards for Rock Engineering practitioners. This led to the establishment of a RE Steercom which will develop and coordinate the implementation of the said RE competency standards in the Industry.
- A service provider was established to undertake the long-awaited needs survey in the Industry for Senior Engineering Supervisors. The survey will commence in 2009.
- The SGB has approved the establishment of an Occupational Hygiene Steercom to develop and coordinate the Implementation of OBET-compliant competency standards for Occupational Environment Engineering and Hygiene practitioners in the SAM&MS.
- The SGB has established 2 working groups (1x mining and 1x engineering) to develop appropriate pro-fessional development (Stage 2) programmes for certificated engineers and managers which is intended to replace the current CoCs currently issued by the DME.
- The Management of Mines Task Team (MoMTT) has developed a proposed risk-based approach towards the classification of mines which may, among others, be used to specify the minimum competency requirements for CEs and CMs for different classes of mines.
- The technical reference group No. 29 has finalized the draft conceptual design of the level 5 National Higher Certificate in Mining Operations intended to be used to replace the Mine Overseers Certificate of Competence. The unit standards are been written.
- The generic level 5 National Higher Certificate in Engineering has been registered on the National Qualifications Framework.
- The generic level 6 National Advanced Certificate in Engineering has been registered on the NQF.
- levels 6 and 7 generic Stage 1 (educational) engineering technology qualifications were revised and submitted for re-registration to the SA Qualifications Authority.
- The Stage 2 (professional competence) level 7 National Certificate: Certificated Engineers has been registered on the NQF.
- The proposed Identification of Engineering Work regulations has been forwarded to the Councils for the Built Environment.
- The heavily contested Built Environment Professions Bill has been withdrawn.
- The CE and CM Standards Generation Group of the Engineering SGB has commenced with the review of the registration requirements for CEs and CMs in lieu of the implementation in 2009 of the Higher Education Qualifications Framework.
- The IDoEW Acid Test Survey undertaken in the SAM&MS indicates that some 90 of persons who may need to register with the ECSA are eligible to do so. The survey also indicates that only 22% of the persons, who would need to register, are in fact registered.
- The Council of the Institute of Mine Surveyors of SA has decided to accept co-opted membership of the MPA Steercom.

The ECSA has issued its approved policy on continuing professional development (CPD) which was implemented from 1 January 2006. Persons (individual) registered with ECSA, will in due course receive

official correspondence in the regard from the ECSA. Person registered with ECSA will have to prove compliance with CPD requirements in 5-year cycles if they want to retain their registration with ECSA.

Your Association continues to encourage members to register with ECSA and in this way it will be in a position to influence ECSA's decision making process.

ECSA

Council is hopeful that, during the coming year, the Association will meet the criteria fixed by ECSA to ensure its recognition as a Voluntary Association and urges members to submit their registration form as a matter of urgency.

The new draft legislation to identify what type of engineering work was required to be carried out by a registered person was put out for comment by ECSA. The MMMA, as well as the MPA steering committee itself, continue to provide feedback regarding areas of concern and will continue to play a role in the development of the legislation to ensure minimal impact on the industry.

Continuing Professional Development (CPD)

Those MMMA members who are registered with ECSA will by now be aware of the requirements regarding CPD. The MPA steering committee will assume the function of establishing and overseeing a common CPD policy for the participating Associations.

As part of its service to members, an annual statement of CPD credits in Categories 1 and 3, applicable to attendance at the various meetings of the Association, will be prepared and will be available to individual members on request. Please take note that credits can only be awarded if members have signed an attendance register, which will be archived in the MPAS offices in the event of audit.

THE ASSOCIATION AS A FORUM

In line with the Association's declared objectives, that of addressing issues relevant to the metallurgical profession within the mining industry, focus has been directed towards many topical and pertinent matters at the many diverse meetings held during the year.

The Association's continued viability and success depends to a large extent on active participation by members at the many diverse meetings and functions which, despite difficulties currently being experienced in the Industry, have attracted good attendance levels. Council would like to stress that members, rather than feeling obligated to take part in Association activities, should actively enjoy their participation.

In addition to the regular monthly Council meetings, the following meetings were also convened:

Annual General Meeting

Twenty-fifth Annual General Meeting held at the Oppenheimer Golf Club, Welkom, on Friday, 24 October 2008

General Meeting

The General Meeting, incorporating technical visits, was held at the Didingwe Lodge on the 22 May and attracted some 54 members and guests. Several very diverse presentations were delivered at this meeting held in the Northern District.

District Meetings

Council is pleased to report that for the most part these meetings, held regularly during the current year and incorporating technical visits, attracted good attendance levels despite, in many instances, the long travelling distances involved.

Your Council acknowledges the hard work of the District Representatives in organising these meetings and relies heavily on them to disseminate information to the membership on Association matters and activities.

Council would like to place on record its thanks to the hosts for providing the venues for all Association meetings.

Meetings with other Professional Associations

As has become the practice over recent years, meetings of the Association Presidents and Vice-Presidents were held during November and July. These meetings serve the purpose of fostering an *esprit de corps* amongst the Associations and provide an excellent forum where matters of concern and mutual interest to the 11 Mines Professional Associations (MPAs) may be discussed at an inter-Association level, as well as with senior officials of the Chamber of Mines.

MPAS Committee of Management

Many concerns have arisen over recent years regarding the management of MPAS and its relationship with the Chamber of Mines, which had never actually been formalised.

Discussions on these concerns led to the formation of the Committee of Management, comprising representatives of the 11 MPAs. The Committee is addressing many issues such as MPAS functions, tightening-up of accounting practices, etc.

The MPAs have long valued their relationship with the Chamber; although no formal agreement has ever been made regarding being under its auspices for functions such as staff conditions and salaries, HR functions, etc. Representatives of the Committee recently met with the Chief Executive of the Chamber, subsequent to which a memorandum of agreement between the two bodies was drawn-up, but as yet not confirmed.

Seminars / Workshops

An extremely successful seminar on 'Innovation and Optimization in Difficult times' was held on the 8 May 2009 at the Randfontein Estates Sports Club. The 70 delegates who attended all agreed that this had been a very interesting and topical seminar. The presentations had been posted onto the MMMA Website.

The Environmental Challenges and Solutions in the Metallurgical Plants Seminar took place on Friday the 9 October at the Cullinan Recreation Club and had been attended by 56 delegates.

All of these seminars were accredited and all delegates received CPD certificates.

Council wishes to place on record its appreciation to all involved in the organisation of these interesting and informative seminars, which have long been a highlight of the Association's calendar.

Presidential / Technical Visit: 2009

14 members including the Secretary participated in a very successful technical visit to the Northern Cape on the 26 August to 31 August 2009. Members participated in extremely interesting and informative visits Sishen Iron Ore and Black Mountain Mines. The weekend concluded with a very enjoyable stay in Kakamas.

For the first time this year, travel grants had not been provided by the Association, but an invitation had been forwarded for sponsorships for the student. We are pleased to mention that Lonmin Mine undertook to sponsor two members for the visit.

Council wishes to place on record its sincere appreciation to the hosts of the technical visits and their staff members, as well as to all others who contributed towards the success of the visit.

It should be pointed out that, although the technical content of these visits is of great interest and value, networking and information sharing, as well as the sense of camaraderie that is generated during such visits are also of paramount importance to participants.

Golf Day

The twelfth annual golf day was held on Sunday, 2 August 2009, at the Cullinan Golf Club, with 13 four balls, and all 52 participants having enjoyed an extremely successful day. Special thanks to Metenco for the donation of the trophy as well as to Mr Roode once again for all the arrangements.

Race Day

This year's Tenth Annual Race day was held in conjunction with the Guineas Race Day on Saturday, 28 February 2009 at Turfontein and there was an excellent turnout.

Association Dinner

The ninth 'Yesteryear' annual dinner was held in the Oppenheimer Room, Gold Reef City on 24 October 2009. A convivial evening was enjoyed by the 176 guests, with entertainment in the form of the band *Who's News* as the after dinner entertainers enabling guests to dance the night away.

Sponsorship

Council would like to express its appreciation to all those companies who generously sponsor these social functions and would like to stress that any surplus funds arising from them are used to the benefit of young metallurgists by way of Council's many educational initiatives.

Council also wishes to place on record its grateful thanks to all who contributed to the success of the three social functions. It would also like to encourage those members who have not yet participated to take advantage of Council's efforts to promote social interaction.

LIAISON WITH OTHER BODIES

SAIMM

The good working relationship, established some time ago with this Institute is ongoing, with the Association being represented on the SAIMM Council and Technical Committees. A reciprocal agreement is also in place, whereby an SAIMM Council member attends the MMMA Council meetings.

The two bodies complement each other well and keep each other's members informed of forthcoming conferences, seminars, etc.

Coal Processing Society (CPS)

Members from collieries situated in the Eastern District enjoy their liaison with the CPS, with District meetings taking the format of joint meetings of the two bodies.

EDUCATIONAL INITIATIVES

It has now become a tradition to utilise surplus funds, generated throughout the year from social events, seminars, etc, for the benefit of young metallurgists. During the current year, the following initiatives have been undertaken.

Bursary / Award

Mr Sanele Motha from the Vaal Technicon was awarded the 2009 Bursary to cover tuition fees for the 2009 Academic year.

Travel Grant / Technical Visit

In the light of the current economic climate, MMMA Council requested from all Ordinary Members that not only the graduate be *nominated* for the travel grant for the visit, but that the Company nominating the student, *sponsors* that student to participate in the Presidential Visit. For the first time, two

candidates were sponsored by Lonmin Mine, Ms Y Korb and Mr T Fako. The delegates undertook to deliver a presentation on the visit at the AGM.

Donation of Technical Books

The annual book donation provisions, in the amount of R 2 500 each, are offered to the nine recognised Institutions of Higher Learning on a three year rotational basis, were this year offered to the Universities of Pretoria, Vaal University of Technology and Tshwane University of Technology.

Educational Institutions

Your Association enjoys a good relationship with the Institutions of Higher Learning situated throughout South Africa and, whenever possible, visits these Institutions in order to inform students about the Association and bring their attention to the prospect of metallurgy in the mining industry as a career choice.

COMMUNICATION

Website

The website, which is considered to reflect the status and professionalism of the Association, is updated regularly. The website gives members valuable information on Association activities, as well as the displaying the presentations given at various meetings and seminars. Members are invited to visit the site at www.mmma.org.za.

Electronic Mail

The membership database contains email addresses of members and, as a cost saving initiative, the Secretariat is utilising this preferred method of communication as far as possible.

However, Council stresses that for this initiative to be fully successful, the responsibility falls on individual members to keep the Secretary informed of current e-mail addresses and all contact details.

REPRESENTATION

The following internal, as well as external, Sub-Committees were formed to assist and advise Council in its deliberations:

Standing Committee

E A Dhlamini	President
G J Jonck	Senior Vice-President
T Ndlovu	Junior Vice-President

G Cormack	Imm-Past President
R Vorster	Central District
K Martin	Eastern District
J Prinsloo	Northern District
H Holtshausen	Rustenburg District
L T van Niekerk	Southern District

Editorial

C C Horsley (**Chairman**)
 MM Valenta (**Vice-Chairman**)
 K De Wit
 T T Ndlovu
 ST Mahlangu

Membership

E A Dhlamini (**Chairman**)
 N G C Blackham (**Vice-Chairman**)
 C J Pearson

Safety

N G C Blackham (**Chairman**)
 K McMillan (**Vice Chairman**)
 K de Wit
 G J Jonck
 R E L Pobe
 L T van Niekerk

Seminar/Workshop

M M Valenta(**Chairman**)
 H Holtzhausen (**Vice-Chairman**)
 R Vorster
 T T Ndlovu
 K Martin
 L Nyandeni
 REL Pobe

Strategic Planning/Budget

G J Jonck (**Chairman**)
 E A Dhlamini (**Vice-Chairman**)
 C J Pearson

Educational Institutions (Liaison)

C A Roode (**Chairman**)

N G C Blackham

CC Horsley

M M Valenta

L T van Niekerk

Presidents and Vice-Presidents

C J Jonck

E A Dhlamini

C A Roode

T Ndlovu

MPAS Committee of Management

E A Dhlamini

G J Jonck

MPAS Budgetary

E A Dhlamini

G J Jonck

SAIMM

N G C Blackham

CC Horsley

M M Valenta

MQA-ECSA

C A Roode

R E L Pobe

M M Valenta

MPA Steering Committee

K de Wit (Representative)

(Observer Status Only)

R E L Pobe

C A Roode (Alternate)

Standing Committee on Security

N G C Blackham

Tshwane University of Technology Advisory Committee

C A Roode (Representative)

TT Ndlovu (Alternate)

Your Council wishes to place on record its sincere thanks and appreciation to all those members who gave of their time and effort to represent the Association on the various committees.

APPRECIATION

Finally, the Council wishes to express its appreciation to all members, both old and new, for their continued support, and especially to those who have provided input in one form or another, as well as to mining groups and metallurgical companies for their continued support of the Association.

The Council also wishes to record its appreciation, on behalf of the Association, for the Administrative services and other facilities rendered by the Chamber of Mines and to extend its gratitude to the Secretariat and its staff for their good management of the Association's affairs.

E A DHLAMINI

PRESIDENT