

Mine Metallurgical Managers' Association

COUNCIL : 2009/2010

President

G J Jonck
Exxaro Technology

Senior Vice-President

C A Roode
Metenco

Junior Vice-President

L T Van Niekerk
Beatrix Gold Mine

Immediate Past President

E A Dhlamini
Anglo Operations Ltd

Elected Members (until 31 August 2010)

M M Valenta
Metallicon Process

P A P Fouche
Exxaro Research & Development

T T Ndlovu
BHP Billiton Energy Coal South Africa Ltd

Elected Members (until 31 August 2011)

S T Mahlangu
Anglocoal

District Representatives

Central District

S A Joseph
South Deep

Eastern District

K Martin
Arnot Colliery, Exxaro

Northern District

J Prinsloo
Anglo Platinum Mototolo

Rustenburg District

H Holtzhausen
Anglo Platinum

Southern District

L T van Niekerk
Beatrix Gold Mine

Co-opted

N G C Blackham
De Beers Consolidated Mines Ltd

Gary Cormack

SAIMM Observer
M Dworzanowski

Secretary

S Geere/J Myers

Offices

Chamber of Mines of South Africa

REPORT OF COUNCIL FOR THE YEAR ENDED 31 AUGUST 2010

Presented to members of the Association on the occasion of the Twenty-Seventh Annual General Meeting held at the Landau Recreation Club, Witbank on Friday, 05 November 2010.

FINANCE

Financial Statements

The financial statement appended to this report shows that revenue for the year amounted to **R803 705.00**, 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 **R939 246.00**. Accumulated funds at the beginning of the financial year amounted to **R363 248.00** and, with the transfer of the current year's net loss of **R135 540.00**; an amount of **R227 708.00** 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 760** for Ordinary Members, **R 720** for Associate and Affiliate Members and **R 105** 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 2010 was **562** (558) members, made up of **138** (143) Ordinary Members, **77** (78) Associate Members, **310** (305) Affiliate Members, **12** (10) Student Member, **12** (10) Retired Members and **12** (12) Honorary Life Members. This represents a net increase of **4 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 15 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 2009 to June 2010 and the awards will be made at the Twenty-Seventh Annual General Meeting.

At the 2009 AGM, the Annual Safety Awards were awarded to the following:

Category 1: Plant and Concentrators + 150TPM

Winner: Minopex Marikana Platinum

Certificate of Merit

Impala Platinum – UG2 Concentrator
 Mafube Colliery
 Platinum Mile Tailings Scavenging
 AngloGold Ashanti – Kopanang Gold Plant
 AngloGold Ashanti – Mponeng Gold Plant
 AngloGold Ashanti – Noligwa Gold Plant
 AngloGold Ashanti – Savuka Gold Plant
 AngloGold Ashanti – South Uranium Plant
 AngloGold Ashanti – Vaal River Tailings
 AngloGold Ashanti – East Gold & Float Plant
 AngloGold Ashanti – Sadiola Hill Gold Mine
 Two Rivers Platinum Concentrator
 Anglo Platinum – Waterval Retrofit Plant
 Anglo Platinum – Waterval UG2 Concentrator
 Goldfields – Beatrix No 1 Plant
 DBCM Finsch Mine

Category 2: Plant and Concentrators – 150 TPM

Winner: Lonmin Platinum – EPC Concentrator

Certificate of Merit

Barberton Mines – Consort Gold Plant
 Barbetron Mines – Fairview Biox Plant
 Goldfields – Beatrix No 2 Plant
 Goldfields – South Deep Metallurgical Plant
 Anglo – Ivan Concentrator
 Lonmin Platinum – K4 Concentrator
 AngloGold Ashanti – Land Management VR & WW
 Impala Platinum – Monpro Slag Plant
 Northam Platinum – Base Metal Removal Plant
 AngloGold Ashanti – NUFCOR
 Impala Platinum – Slag Plant
 Impala Platinum – Marula Concentrator

Category 3: Assay Laboratories

Winner: Anglo Platinum – Amandelbult Assay Laboratory

Certificate of Merit

AngloGold Ashanti – Vaal River Chemical Laboratory
 AngloGold Ashanti – West Wits Chemical Laboratory

Category 4: Smelters and Acid Plants

Winner: AngloGold Ashanti-East Acid Plant

Category 5: Refineries

Winner: Northam Platinum BMR

Category 6: Other

Winner: Anglogold Ashanti – West Wits Tailings

Certificate of Merit

eMalahleni Water Reclamation Plant

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 Miss Masego Phetoe, who had achieved an averaged aggregate of 71% at the University of Johannesburg for her B Tech semester subjects.

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. At the last strategic meeting held on 26 November 2009 the mission statement was revised to read: "*TO BE THE RECOGNISED HOME OF KNOWLEDGE FOR THE MINE METALLURGICAL FRATERNITY*". A high level matrix was developed to separate and manage current and future activities in a more professional way.

MPA Steering Committee

The MPA Steering Committee met on a regular basis to deal with the issues that arose regarding new qualifications. As from January 2010 the MMMA and the SACPS jointly enjoy full membership status on this committee.

Qualifications, Registration and Licensing

During the year, the MPA 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 MPA 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 Society (SACPS)
- * 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

Achievements: 2009/2010 MPA Steercom

- Preparation and submission to the MHSC and MRAC of the ECSA/MPA “Position Document: Towards a New Model for CEs”.
- Contribution to the Cheadle and Thompson Research Report in regard to Certificates of Competency (DMR and CoMSA).
- Submission of the Equivalency Analysis: GCCs for Certificated Engineers and Managers to the MQA Board.
- Preparation of an appropriate draft Rationale for the Equivalency Analyses: GCCs in the SAM&MS which has led to the SGB for Mining and Minerals’ resolution that EAs are required for the implementation of OBET-compliant competency standards in the SA Mining and Minerals Sector.
- Collaboration with CoMSA’s OH&SPC which has led to a mutual CoMSA/MPAs’ agreement that a “liazze fair” approach towards promoting and expediting the dormant levels 5 to 8 issues need to be replaced with a more pro-active approach.
- Presentation of the ECSA/MPA “Position Document: Towards a New Model for CEs” to the Education Advisory Committee and the Consulting Mechanical and Electrical Engineers of the CoMSA.

- Preparation and approval of a Project Plan for the Implementation of the envisaged Stage 2 Professional Development Programmes for CEs and CMs based on the approved Project Charter for the preparation of an IP for the CE/CM qualifications. The MPAs has made significant contributions in this regard.
- Re-establishment of the Classification-of-Mines' Task Team and approval of its new Terms-of-Reference.
- Preparation by the CoMTT of a draft generically applicable Risk Matrix and proposed OH&S-related hazard factors.
- Completion of the Level 5: National Higher Certificate: Mining Practice with domains (streaming) for U/G Hard-rock, U/G coal Mining and Surface Mining.
- Completion of the Specialisation Elective competency standards for the Underground Coal Mining Mine Overseer domain (stream) which will, in future, replace the GCC: M/O (Fiery Mines).
- Obtaining agreement in the M&MSGB that the Industry needs to develop and implement a Policy: How to deal with dual/combined technical and supervision management and leadership (SML) competency profiles/ standards.
- Obtaining agreement in the M&MSGB that the Industry need to develop a Policy: Implementation of OBET-complaint competency standards in the SAM&MS which deals, inter alia, with the critical issues of PROCESS and CHAMPIONSHIP (CUSTODIANSHIP).
- Development of a draft Quality Council for Trades and Occupations (QCTO)-complaint competency standard (Level 5, Occupational Award) for Mine Overseer with domains (streams) for U/G Hardrock Mining, U/G Coal Mining and Surface Mining.
- Performance by the SACMA driven Technical Reference Group (TRG-15) of a comprehensive Gap Assessment of the generic (common)/portable Fundamental and Core components for the Level 5, National Higher Certificate: Mining Practice.
- Performance by the SACMA driven TRG-15 of a comprehensive Gap Assessment of the Specialisation Elective component of the technical profile for the U/G Coal Mine Overseer.
- Involvement of members of the participating MPAs in the CoMSA's CoC Steercom and Working Groups which intends:
 - (a) maintaining the 25 CoMSA CoCs until 31-DEC-11; and
 - (b) Developing appropriate OBET-complaint competency standards which will replace the current Levels 2 through 4 CoMSA CoCs in the area of Rock

Engineering, Survey and Mapping and Environmental Engineering and Occupational Hygiene.

- Joint full (contributory) membership by the Councils of the MMMA and SACPS of the MPA Steercom.
- Participation by the participating MPAs as recognised Voluntary Associations in ECSA's Presidential Forum, which are held twice per year.
- Representation of the Councils of the participating MPAs in numerous External Forums which deals with the implementation of OBET-complaint competency standards in the SA Mining and Minerals Sector.

ECSA

Council is still striving to 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 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)

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-sixth Annual General Meeting was held at the Rustenburg Sports Club, Rustenburg on Friday, 06 November 2009.

General Meeting

The General Meeting, incorporating technical visits, was held at the Tubatse Chrome Club near Steelpoort on the 27 May with 33 members and guests attending. Several diverse presentations were delivered at the meeting which was 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

Since MPAS has become a part of the Chamber of Mines during this year, the MPAS Committee of Management is no longer in existence.

All Associations concerns and issues are raised at the MPAS President's and Vice-President's Meetings which are held in June and November of each year.

Seminars / Workshops

An extremely successful seminar on "Drive to Stop the Big Five" was held on the 4th June 2010 and hosted at the De Beers Group Head Office. This was attended by 50 delegates who all agreed that this had been a very interesting and informative seminar. This was concluded with a ten minute presentation done by the MMMA 2009 Safety Competition Winners. The presentations have been posted onto the MMMA Website.

The next seminar on the Technological Advances in Metallurgical Engineering will take place on 12 November 2010 at the Rustenburg Platinum Sports Club.

These seminars are accredited and all attended delegates are to receive 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: 2010

15 members including the Secretary participated in a very successful technical visit to Namibia from the 24 August to 27 August 2010. Members participated in extremely interesting and informative visits to the Langer Heinrich Uranium Mine in Swakopmund and the Namibian Customs Smelter previously known as the Wetherly's Smelter in Tsumeb.

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 Fourteenth Annual Golf Day was held on Sunday, 1 August 2010, at the Mooinooi Golf Club in Mooinooi, with 12 four balls, and all 48 participants having enjoyed an extremely successful day.

Special thanks to Rand Refinery for donating the ¼ Kruger rand coin as the prize and XStrata and all the sponsors for the prizes and sponsorship and Mr Carel Roode for making all the arrangements.

Race Day

This year's Tenth Annual Race day was held in conjunction with the Classic Race Day on Saturday, 27 March 2010 at Turfontein.

Association Dinner

The Tenth Annual dinner was held in the Senate Room at Emperor's Palace on the 23 October 2010. A convivial evening was enjoyed by the 260 guests, with entertainment in the form of Eddie Ekstein and a DJ who catered to all different cultures 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.

Through this way the MMMA would also like to express its sincere appreciation for the SAIMM's support and assistance for accrediting our seminars in terms of CPD points.

South African Coal Processing Society (SACPS)

Members from collieries situated in the Eastern District enjoy their liaison with the SACPS, 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 J Langenhoven from the University of Pretoria was awarded the 2010 Bursary to cover tuition fees for the 2010 academic year. Council also decided to award two bursaries per year as from 2011.

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 graduate, *sponsors* that graduate to participate in the Presidential Visit. For 2010, no sponsored graduate participated in the Presidential visit.

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. This year, the Universities of Kwa-Zulu Natal, Johannesburg and Stellenbosh received the R 2500 book donation.

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

G J Jonck	President
C A Roode	Senior Vice-President
E Dhlamini	Imm-Past President
S Joseph	Central District
E Dhlamini	Eastern District
J Prinsloo	Northern District
H Holtzhausen	Rustenburg District
L T van Niekerk	Southern District

Editorial

G Cormack	(Chairman)
S Joseph	(Vice-Chairman)
P Fouche	
S T Mahlangu	
T T Ndlovu	

Membership

J Prinsloo	(Chairman)
N G C Blackham	(Vice-Chairman)

Safety

N G C Blackham	(Chairman)
L T Van Niekerk	(Vice-Chairman)
P Fouche	
G J Jonck	
L T van Niekerk	
ST Mahlangu	

Seminar/Workshop

M M Valenta	(Chairman)
G Cormack	(Vice-Chairman)
T T Ndlovu	

Strategic Planning/Budget

G J Jonck	(Chairman)
P A P Fouche	(Vice-Chairman)

Educational Institutions
(Liaison)

C A Roode	(Chairman)
P A P Fouche	(Vice-Chairman)
N G C Blackham	
M M Valenta	
L T van Niekerk	
P A P Fouche	
E Dhlamini	

REPRESENTATIVES ON OUTSIDE COMMITTEES

<u>Presidents and Vice-Presidents</u>	G J Jonck C A Roode L T Van Niekerk
<u>MPAS Committee of Management</u>	G J Jonck C A Roode P Fouche
<u>MPAS Budgetary</u>	G J Jonck C A Roode
<u>SAIMM</u>	N G C Blackham M M Valenta P A P Fouche
<u>MQA-ECSA</u>	C A Roode M M Valenta
<u>MPA Steering Committee (Observer Status Only)</u>	G Jonck / P Fouche C A Roode (Alternate) E Dhlamini (Alternate)
<u>Standing Committee on Security</u>	N G C Blackham

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.

G J JONCK

PRESIDENT