



**ANNUAL REPORT OF THE COUNCIL
FOR THE YEAR ENDED 31 DECEMBER 2007**

COUNCIL 2007

President

D J D Stander
Impala Platinum Limited

Vice-President

V P Tobias
Driefontein Mine

Immediate Past-President

N A Herrick
Norilsk Nickel Africa (Pty) Limited

Elected Members of Council

P J B Becker
Rustenburg Platinum Mine

A Brown
South Deep

F J Fourie
Kopanang Mine

S V Green
Harmong Gold Mining Company Limited

B H Haumann
Gold Fields Limited

N L V James
Anooraq Resources

M P Schmidt
Lonmin Platinum Limited

M Stander
Anglo Platinum Limited

T van den Berg
Rustenburg Platinum Mine

C A Vermeulen
Impala Platinum Limited

G Webber
Harmony Gold Mining Company Limited

L Zindi
Impala Platinum Limited

Secretary

S J Orchardson
Mines Professional Associations' Secretariat

REPORT OF THE COUNCIL FOR THE YEAR ENDED
31 DECEMBER 2007

Presented to the members of the Association on the occasion of the One Hundred and Thirteenth Annual General Meeting held at the Johannesburg Country Club, on Friday 14 March 2008 at 10:30.

FINANCE

The financial statements appended to this report reflect the income and expenditure of the Association's funds administered by the Secretariat.

Revenue for the year amounted to **R1 621 249** made up of subscriptions received from members, interest earned on investments, revenue from gala dinner, golf day and sales of Association insignia. Expenditure amounted to **R1 458 315**. With the transfer of the current year's net surplus of **R162 934** an amount of **R500 376** has been carried forward to the new financial year (2008).

SUBSCRIPTIONS

In terms of the powers vested in it by the Constitution and Rules of the Association, the Council has decided to increase the subscriptions for the ensuing year to R765 for Ordinary members, R625 for Associate members (excluding VAT), Student Members R215 (excluding VAT) and R85 for Retired members subscriptions (excluding VAT).

MEMBERSHIP

The total membership of the Association as at 31 December 2007 (2006) was 741(687) made up of 238(221) Ordinary members, 280(266) Associate members, 18(18) Honorary Life members, 47(46) Honorary Associate members, 87(95) Retired members, and 72 (41) Students.

This reflects an increase in membership of 54, mainly from student membership.

SAFETY AND HEALTH

The safety and health of the people working in our industry remains our moral license to mine and is hence a key point at all Council, General and District meetings. A Safety Summit held in November 2007 was dedicated to safety and health with the resultant discussion and interchange of ideas amongst members. A total of 130 participants took part. All papers have been placed on the website.

A strategic committee was created on council in 2005 in order for us to remain a meaningful stakeholder in achieving the 2013 MHSC Safety and Health targets. This committee has ensured that the detail in the targets have become widely disseminated to all areas of our organisations, they are also working with the Chamber of Mines representatives to ensure that our commitment is felt at appropriate forums and summits.

SAFETY ACHIEVEMENTS

Your council wishes to place on record its congratulations to the following mines, their respective managements and staff on their safety achievements.

Three and a Half Million Fatality Free Shifts

Lonmin (Karee) one East decline

Three Million Fatality Free Shifts

Impala Platinum
RPM, Rustenburg Section
RPM, Union Section
Lonmin Newman Shaft
RPM Union Section JV
Lonmin, Marikana

Two Million Fatality Free Shifts

Aquarius, Kroondal Operations
RPM, Amandelbult
Impala No 10 Shaft
Impala Platinum
Newrak Mining
JIC Rustenburg, Northern Region
RPM Rustenburg Section, Lower Mine
Modikwa Platinum Mine
RPM, Union Section, Richard Shaft
RPM Union Section JV

One and a Half Million Fatality Free Shifts

K3
Newrak Mining Operations
Newrak Mining, RPM Operation
RPM Union, Spud Shaft UG 2 Section
Great Nologwa Mine
RPM Townland Shaft

One Million Fatality Free Shifts

Impala Platinum No 6 Shaft
RPM Union Section
Great Nologwa Mine
Kopanang Mine
Goldfields Kloof No 7 Shaft
Lebowa Platinum
RPM Rustenburg Section
RPM Upper Mine
RPM Paardekraal Shaft
RPM Townsland Shaft
RPM Amandelbult

BRPM Rasimone Platinum Mine
 Northam Platinum
 Newrak Mining
 Bambanani Mine
 Unisel, St Helena
 RPM, Union Section JV
 Shaft Sinkers (Pty) Limited
 Northam Platinum Limited
 Impala Platinum No 10 Shaft
 Beatrix Mine
 RPM, Union Section, Richard Shaft
 RPM, Union Section, Spud Shaft

750 000 Fatality Free Shifts

St Helena
 Tau Tona Mine
 RPM Union Section Spud Shaft Merensky Section
 Blyvooruitzicht Mine
 Unisel Mine

500 000 Fatality Free Shifts

Shaft Sinkers (Pty) Limited
 Newrak Mining, RPM Turffontein Operations
 Kloof No 4 Shaft
 Blyvooruitzicht Gold Mine Shafts 4 and 6
 Great Nologwa Mine
 Kopanang Mine
 Shaft Sinkers
 Driefontein Mine
 Gold Fields South Deep
 Cooke no 2 Shaft
 Pamolozzi, Orkney Operations
 Harmony No 2 Shaft

Other Noteworthy Achievements

RPM Union Section JV Surface Section achieved nine million surface fatality free shifts
 RPM Union Section JV achieved eight million fall of ground fatality free shifts
 Finsch Mine had passed five million fatality free shifts
 Brand No 3 Shaft had achieved 1.75 million fatality free shifts

STRATEGIC INITIATIVES

Fund Raising

The Presidents Cup Golf Day was held at Randfontein Estates Golf Club on the 23 November 2007 and the Council wishes to thank Mr Frank Pascoe, members and sponsors for making this a successful day.

550 members, guests and their partners attended the Annual Banquet at Caesar's Palace in June 2007. Council thanks the members for their participation, mines and companies for

sponsoring tables and Mr Frank Pascoe and his organizing committee for the memorable evening.

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)

Extracts from a recent interview with Mr Richard Jennings, Vice-Chairman of the MPA Steering Committee illustrates the dynamic processes taking place on the mine managers qualifications and the need to register with ECSA.

Richard Jennings states that:

the Mine Professionals Association (MPAs) Steering Committee, was set-up nearly seven years ago by the councils of the relevant mines professional associations as a voluntary industry-based organisation to proactively engage with Engineering Council of South Africa (ECSA), the Mining Qualifications Authority (MQA), the Chamber of Mines and other interested parties, with regards the new dispensation relating to qualifications and the need for register with ECSA.

The need to be involved was around competent current practitioner becoming involved as representative to ensure that the minimum level of competence and continued access was maintained to ensure that the persons carrying out engineering work can do so in a safe manner. He says the registration process can be used an appropriate mechanism to regulate the persons performing engineering work, so that competent person are held accountable for engineering practices.

“In the beginning of this process we realised that we needed to align the position and stance of the various professional associations’ across the board and we also wanted to ensure that the interpretation of the changes were fully understood by all the affected parties. We also wanted representation on the MQA (Mining Qualifications Association) and ECSA, to be able to make meaningful contributions to the debate and to ensure that appropriate competency standards, access and progression for practitioners were assured.” says Jennings.

The MPA’s engagement with the different bodies means that relevant industry issues are kept on the table and coordinated throughout the process. This process also forms part of the

review process that has seen mining engineering qualifications and programs at the various universities and educational training facilities in the country come under the spotlight.

Mr Jennings feels that the holistic reform is positive for the sector and the country. “In terms of registration, employers can be assured that the persons that they appoint have been judged competent by their peers and the industry, through a standardised process. The process also allows for the persons registered maintaining their competency current and relevant to their area of practice. The intention is that the qualifications are recognised by their peers, both in and out of South Africa.” says Jennings.

He says that reluctance and resistance to the new legislation/processes has largely been driven by the fact that there are many stakeholders each with their own concerns which need to be taken into account, debated and resolved. He says: “It has taken a lot of time and legal opinion to get to the decision that engineering is part of the built environment and within the domain of the Department of Public works.”

The objectives of the MPAs who represent the practitioner, is to ensure that a workable dispensation be created that would enable compliance to all the different legislative requirements that impact on the practitioner.

Mr Jennings also states, other interested and affected parties concerns now that some of the issues are coming to fruition need to be addressed and fully debated and understood. “Of course everyone involved realises that we’re dealing with people’s livelihoods and career paths,” he says. He adds that as MPAs they are mindful that it’s not just the large-scale mine operations that fall into the new dispensation, but also some smaller players, who in many cases have not had a voice and are made up of small groups of people who have been doing their jobs for decades and don’t necessarily have qualifications to prove their skill levels.

This is one of the current discussion points in the registration process. Some form of recognition of prior learning needs to be put into place to satisfy all parties. It is likely, that some carefully defined exemptions will need to be agreed upon, to cover these persons and the impact the legislation might have on them. How these issues will be implemented and monitored still needs to be sorted out. What arrangements need to be put into place to accommodate those who do not have formal engineering qualifications, but possibly have the necessary experience and competence in their field is another issue to be resolved.

One of the proposals is that various unit standards be developed to allow for progression and articulation for those who might wish to enhance their skills and qualifications. It has been designed to allow progression from baseline ABET training to whatever level the individual can demonstrate and wishes to achieve in the industry. Jennings stresses that the process is designed to allow access to individuals who wish to avail themselves of the opportunity to develop in the mining industry. The process is about allowing all persons access while maintaining the industry standards.

The ECSA Council has agreed to amend the original Rules for the recognition of Vas to accommodate some of the smaller Professional Associations who would not be eligible to apply for recognition. The role of the MPA Steering Committee with respect to the application for recognition of MPAS as Voluntary Associations (Vas) has been clarified and a uniform approach taken.

The ECSA has issued its approved policy on continuing professional development (CPD) which will be implemented from 1 January 2006. Persons (individuals) registered with

ECSA, will in due course receive official correspondence in this 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 processes.

MEETINGS

In addition to the monthly Council meetings, regular, lively and informative District meetings were held in the Eastern, Central, Free State and Western Districts and feedback from these meetings, through the District representatives, once again rendered invaluable assistance and guidance to the workings of Council.

During the year under review General Meetings were hosted by Impala Platinum and Gold Fields during the months of May and August 2007, respectively.

Despite difficulties experienced in the industry, the attendances achieved at the General meetings were satisfactory. The high calibre of the content of the technical papers and the excellence in presentation continued to meet the Association's high standards and augurs well for the future. The Editorial Sub Committee successfully maintained the website for our Association viz www.ammsa.org.za as well as ensuring that technical notes and papers presented at our general meetings were edited and placed on the website.

Your Council wishes to record its grateful thanks to the convenors of the General Meetings, and record a special thanks to the staff of the mines concerned and the Management and staff of the respective Recreation Clubs, without whose efforts and co-operation the meetings would have been less successful.

Representation on the Sentinel Mining Industry Retirement Fund

During the year your Association represented the Mines Professional Associations together with the South African Colliery Managers' Association on the Board of Trustees. Regular feedback sessions are given to Council and reports were made to members at General Meetings on the funds performance by Mr D Smith.

Occupational Health and Safety Policy Committee

Your Association is represented on the Occupational, Health and Safety Policy Committee of the Chamber of Mines.

This body is the main employer caucus for the Mining Regulations Advisory Committee (MRAC) and various issues related to occupational health and safety are tabled for comment, before mandates are passed on to MRAC members.

The main focus areas of the committee have been:

1. Drafting of Regulations
2. Safety targets and milestones
3. Adoption teams

An "acid test" to determine the implications that the proposed legislation under the Built Environment Act may have for the Mining Industry has been carried out. A report will be prepared by the Chamber of Mines in early 2008.

Presidents and Vice- Presidents

As has become practice over recent years, meetings of the Association Presidents and Vice-Presidents were held during June and November 2007.

These meetings served the purpose of creating an *esprit de corps* amongst the Associations and have provided an excellent forum where matters of concern and mutual interest to the eleven Professional Associations may be discussed at an Inter-Association level as well as with representatives of the Chamber of Mines.

ANNUAL PRESIDENTIAL TECHNICAL VISIT

The 2007 Annual President's visit was undertaken to Zimbabwe 24-28 October 2007.

Technical visits were undertaken to Gautrain Project and Zimplats. These technical visits were very memorable and members had the opportunity to interact with managers at these sites.

There was also ample opportunity to network.

Your Association wishes to place on record its grateful thanks to the members of the Association who assisted in putting the visit together and to the management and staff of the hosts for all their efforts and hospitality.

ASSOCIATION OF MINE MANAGERS' PRIZES

President's Meritorious Award: 2007

The Association's Meritorious award was awarded to Mr A A B Douglas, posthumously for his outstanding contribution in serving the interest of the Association at the Annual General Meeting on 16 March 2007.

Association Silver Medal Award: 2005

The Association's gold medal for 2006 was presented to Mr L A Jagger at the Annual General Meeting on 16 March 2007 for his Technical Paper "*Implementation of Two Major Vertical Shaft Projects Nos 16 and 20 Shafts and Impala Platinum*".

Best Second Year Students: Mining Engineering

The Association's prizes for the best second year students in Mining Engineering for 2006 were awarded to Mr P R Modiba, University of the Witwatersrand, Mr A Angelo, University of Pretoria and the best mining engineering student, Mr W Molapis, University of Johannesburg at the Annual General Meeting on 16 March 2007.

Mine Ventilation Society

The Association's prize for the best paper presented before the Mine Ventilation Society during 2007, was awarded to Mr R A Rawlins and H R Phillips for their paper "Ventilation and Refrigeration Design Strategy for Underground Mines".

TECHNICAL PAPERS AND DISCUSSIONS

The following papers were presented for discussion at the General Meetings and the Safety Summit during the year:

<i>Impact of Backfill on Deep level Mining</i>	A van Jaarsveld
<i>Excavation and Equipping a Hoisting Arrangement in a Working Shaft</i>	R Rontgen
<i>Chairlift Installation</i>	D Swanepoel
<i>Massive Ore Bodies – South Deep</i>	S Petho
<i>Cluster Rehabilitation After a Major Fall of Ground, Townland Shaft, RPM</i>	J Potgieter
<i>Power Demand Shift and Energy Conservation Initiatives at Impala</i>	B Bluhm
<i>Implementation of In-Stope Roof Bolting at Elandsrand Gold Mine</i>	B Nel
<i>Driefontein No 4 Shaft Pillar Extraction</i>	F Castelyn
<i>Targets and Milestones – A Stronger Role for AMMSA</i>	S van der Woude
<i>Sasol Safety Initiatives</i>	W Uys
<i>Prerequisites for Safe and Effective Underground Railbound Transport</i>	F J Fourie
<i>Safety Leadership</i>	S M Wenhold
<i>What Information Materials Do We Need to Support Silicosis Elimination</i>	Prof D Rees/ Prof J Murray
<i>A Different Look at Safety</i>	L Dietrich
<i>Impact of New Mining Legislations for Explosive Companies</i>	A Bassett
<i>The Road to Zero Harm Mining</i>	W Taylor

Many other papers were presented at District meetings during the year. Many of these have also been placed on the website.

COUNCIL AND OUTSIDE COMMITTEES

The Standing Committee of the Association was re-constituted as follows:

Committees of Council and Outside Committees

The Association has continued to be represented on numerous Chamber of Mines and other Committees/Working Groups with distinction and has during the year also maintained its representation on the Registration Committee of the Engineering Council of South Africa and has, in addition, continued to play a significant role on the Commission of Examiners for the Mine Managers' Certificate of Competency.

	<i>Representative</i>	<i>Alternate</i>
<u>STANDING COMMITTEE</u>		
President	D J D Stander	
Vice-President	V P Tobias	
Central District	P J B Becker	C A Vermeulen
Eastern District	N L V James	M P Schmidt
Free State District	S V Green	B H Haumann
Western District	F J Fourie	G Webber
Honorary Treasurer (Funding)	President	
<u>AMM INITIATIVES</u>		
2013 Targets and Milestones including Sustainable Development	V P Tobias T van den Berg	
Certificate of Competency Mine Managers Certificate	K Cornforth	N A Herrick
Editorial Committee Technical Communication	T van den Berg	L Zindi
Committee of Management	V P Tobias	
<u>OUTSIDE COMMITTEES</u>		
Retirement Fund (SMIRF)	D Smith (MPAS)	F Pascoe
<u>MINES RESCUE SERVICES</u> (including Gas Monitoring and Analysis and SCSR)	P J B Becker B H Haumann	

<u>EXAMINATIONS SUB-COMMITTEE</u>		
Training Officers Rock Mechanics Environmental Cont.	L de Klerk P M Coetzer P Hunter	TBA (Co-Ordinator)
<u>COMMISSION OF EXAMINERS</u> Mining I Mining II Mining Technical Services Geology	A Brown A Rudolph A S MacFarlane Mr D Fraser	M Stander M Stander L Zindi
<u>TECHNIKON MODERATORS</u> Management Mining Mining Technical Services	J L Viljoen J L Viljoen A S MacFarlane	L Zindi L Zindi L Zindi
OH&SPC MPA Steering Committee	C A Vermeulen N A Herrick	A Brown C A Vermeulen
Accreditation Committee of Universities (ECSA)	J L Viljoen A S MacFarlane L Zindi	
ECSA Registration Committee	D J D Stander	A Brown
ECSA Matters	D J D Stander	
<u>MISCELLANEOUS COMMITTEES</u>		
SIMRAC SAIMM (Observer)	M P Schmidt T van den Berg	G Webber/L Zindi N L V James

WEBSITE (www.ammsa.org.za)

The Association's website is regularly updated with papers and presentations made at meetings. The website provides access to upcoming events not only for the Association, but stakeholders.

Mr T van den Berg has undertaken a major revamp of the website and has given feedback at the General Meetings

The Council wishes to extend its thanks to Mr van den Berg for his dedication and energy in taking up the project to provide members with a modern, up to date and accessible website for members. The website also show cases the many and varied activities of the Association.

CONCLUSION

Finally, the Council wishes to express its appreciation to all members of the Association of Mines Managers of South Africa for their support and attendance at various meetings.

I would also like to extend my gratitude to fellow Council members for their support during my terms of office as President of the Association.

Your Council wishes to record its sincere appreciation of the services rendered to the Association by the Secretary, Mr Simon Orchardson and his staff during the year as well as the support given by the Chamber of Mines and the Mining Groups.

**D J D STANDER
PRESIDENT**

AREP2007/AMM/GJW