



SOUTH AFRICAN COLLIERY ENGINEERS' ASSOCIATION

**ANNUAL REPORT OF THE COUNCIL
FOR THE YEAR ENDED 31 DECEMBER 2005**

COUNCIL 2005

President

L D Botha
Sasol Mining

1st Vice-President

D Sichamba
Xstrata Coal

2nd Vice-President

C M Norden
Sasol Mining

Immediate Past President

H A Lamprecht
Anglo Coal Project Services

Regional Chairmen

Gauteng/Mpumalanga/ Free State Region

S W J van Wyk
Sasol Mining

Kwazulu Natal Region

J Prinsloo
Total Coal

Elected Members

M Acutt
Goedehoop Colliery
(Co-opted May 2005)

Z A Botha
Sasol Mining

T J Ferguson
Ingwe Collieries Limited

G Q Gething
Landau Colliery
(Co-opted May 2005)

S Y Kudoos
Eyesizwe

M J Lourens
Sasol Mining

P E Mojalefa
Greenside Colliery

M Mlilo
Goedehoop Colliery
(Co-opted 2005)

J P Pearson
Anglo Coal Project Services

R M Power
Khutala

H Zwart
Anglo Operations Limited

Secretary

Mr S J Orchardson
Mines Professional Associations' Secretariat

VISION STATEMENT

The vision statement is

To be a professional, dynamic, value-adding and influential body in our Industry

REPORT OF THE COUNCIL FOR THE YEAR ENDED 31 DECEMBER 2005

Presented to members of the Association on the occasion of the Twenty Seventh Annual General Meeting held at Sasol Club, Secunda, on Thursday 16 February 2006 at 11:00.

RENEWAL PROCESS

Your Council has continued to focus on the Association becoming an effective role player in the Coal Mining Industry. This process would be ongoing as the Council wished to ensure that the Association was effectively marketed and participated in the preparation of new legislation and Codes of Practice as well as safety targets and milestones set by the Mining Industry.

A strategic planning session was held in April 2005 to set out this course for the Association's interaction with its various stakeholders during 2005 and 2006.

The following focus areas were identified and progressed through the year:

- legitimacy of SACEA and the certified engineers;
- Membership value;
- Site performance on mines;
- Technical professionalism;
- Funding the Association.

A presentation was given to members on the strategic direction being undertaken by the Council at Regional Meetings.

Your Council will meet in February 2006 to assess the progress and to ensure that the objectives are obtained.

As part of the process the Council issues a Newsletter after each Council meeting giving members some insight into Council affairs and updating members on the Association activities.

FINANCE

The financial statements appended to this report show that revenue for the year amounted to R....., made up of subscriptions received during the year from Full and Student members, interest received from investments with the Chamber of Mines' Cash Management Department, and the successful safety workshop and golf day. Expenditure amounted to R..... Accumulated funds at the beginning of the year totaled R..... and with the transfer of the current year's net surplus of R..... an amount of R..... will be carried forward to 2006.

As part of the Association's objectives a successful golf day was held in October 2005 and the funds generated are included in the current net surplus for 2005. The event also promoted fellowship amongst members. A safety workshop was held in October 2005 which also generated funds for the Association. Both these events have become annual events supported by members and the local community.

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Part of the accumulated funds has been used to fund the Association's initiative on the position of the certificated engineer, licensing and registration.

SUBSCRIPTIONS

In terms of the Powers vested in it by the Association's Constitution and Rules, Council has agreed to increase the annual subscriptions for the ensuing year for Full and Affiliate members to R590 (exclusive of VAT). The subscription for student members will be R175 (exclusive of VAT).

MEMBERSHIP

The membership of the Association as at 31 December 2005 was 192(170), made up of 149(143) Full members, 1 (1) Affiliate members, 27(15) Student Members, 15(10) Honorary Life members.

Membership certificates are issued to new Full members of the Association on a bi-annual basis.

MEETINGS

In addition to the monthly meetings of Council, Regular Regional Meetings were held during the year and feed-back from members through their Regional Representatives and Council members, provided valuable assistance to the workings of Council. The increased involvement required by your Council in a number of important areas meant that Council meetings were held on a monthly basis.

During the year under review, Kwazulu Natal Regional meetings were combined with those of the Southern Region of the South African Colliery Managers' Association took place, to the benefit of both Associations.

The nine Council and six Regional Meetings were well supported during the year and the commitment by members to the Association is a positive sign for the future well being of the Association and its activities.

Once again your President was invited to attend Council Meetings of the South African Colliery Managers' Association and wishes to thank its President, Mr M J Bleeker for maintaining close ties between the two Associations.

INTERMINE TECHNICAL VISITS

During the year members attended a technical visit to the Sasol Mock Mine. This was fairly well attended by some members, however other members did miss an important opportunity to review their facilities.

Council will continue to seek out interesting and diverse technical visits for members and give them the opportunity to experience other companies operations.

MEETINGS OF PRESIDENTS AND VICE-PRESIDENTS

The Association was again well represented at the inter-Association meetings of Presidents and Vice-Presidents, held in June and November 2005.

This meeting continued to serve as a useful forum where matters of mutual interest and concern have been addressed, not only with other mining disciplines, but also with the President and senior representatives of the Chamber of Mines.

Matters discussed and reports received at these meetings included inter alia:

- The Administration of the Associations
- ECSA
- Mining Qualifications Authority
- Occupational Health and Safety Policy
- Regulations, Codes of Practice and Guidelines
- Industrial Relations Issues
- Licencing and Registration of Engineers
- Mandatory Appointment and Competency Based Training

SAFETY AND HEALTH

The Association and Council continue to place a high priority on safety improvements and the elimination of accidents. The Council and members agreed whole heartedly to support the Mining Industry targets and milestones for safety and occupational hygiene, accepted at the Mining Industry Summit on 15 June 2005.

Your Council extends its sincere congratulations to the Management and staff of the following mines for their safety achievements.

SAFETY

MINE SAFETY ACHIEVEMENTS

THOUSAND FATALITY FREE PRODUCTION SHIFTS

Twelve Thousand

Kriel Colliery, Underground

Six Thousand

Matla No 2 Mine
Tslentis Colliery
Middelburg Mine

Five Thousand

Matla No 1

Two Thousand

Waterpan Colliery
Landau Colliery
Zululand Anthracite Colliery
Goedehoop Colliery

One Thousand

Matla No 3 Mine
Matla Colliery
Valkrans Colliery
New Clydesdale

MILLIONAIRES

Two Million Fatality Free Shifts

Twistdraai Colliery

One Million Fatality Free shifts

New Clydesdale Colliery
Middelbult Mine
Twistdraai Colliery – Central Shaft
Matla No 1 Mine

OTHER NOTEWORTHY ACHIEVEMENTS WERE

Sasol Operational Technical Services had worked two years without a lost workday case

Brandspruit Colliery (West Shaft) had achieved 21 years without a fatality

Forzando Mine had achieved on year without a lost time injury

Sasol Mining had achieved 8.4 million manhours without a lost workday case

South Witbank (Section) mine 152 632 tons without a single dressing case

Klipspruit Mine had achieved three million manhours without a classified injury

Middelbult Colliery had achieved one million manhours worked without a lost workday case

Sigma Colliery had achieved one million manhours worked without a lost workday case

DME SAFETY FLAG

Tshikondeni Colliery

ANNUAL SAFETY SEMINAR

The third safety seminar with six presentations was held in October 2005 hosted by Sasol with 150 members attending. The safety seminar was planned to maintain the Industry's safety focus during the critical period running up to the end of the year. A CD was produced of the papers and distributed to participants.

2005 COLLIERY HEALTH AND SAFETY CAMPAIGN

Your Association has once again been actively involved in the 2005 Colliery Safety and Health Campaign launch which took place on 10 March 2005 and remains fully committed to the Campaign's ideals for the promotion of safety and health in the Mining Industry.

SENTINEL MINING INDUSTRY RETIREMENT FUND

The Association has actively participated through the South African Colliery Managers' Association's Trustee on the Sentinel Mining Industry Retirement Fund.

MINERALS ACT AND REGULATIONS

MQA AND ECSA

Your Association continues to have a very active role in the MQA and ECSA. During the year the following progress was made:

Future of the Certificated Engineer

The Association remained very active in the numerous forums engaging with the Chamber of Mines, DME, Professional Associations, MQA and ECSA. The progress made with the Outcome Based Education and Training qualification for Certificated Engineer was slow, due to certain delays experienced in the process. Good progress was made in concluding the Profile and Level of this qualification and engagement with the broader stakeholders has begun. It is envisaged that the new Certificated Engineer qualification will be registered with SAQA by the end of 2006. The Association remains committed to this process in providing the necessary participation, leadership and resources. The Council wishes to express its sincere gratitude to all those members that have contributed to this historic process and encourage them to continue with their role in order to achieve the required outcome for the Association.

Professional Registration

During the year the Association completed the necessary forms for recognition as a Voluntary Association.

There are certain criteria that the Association must meet to retain its recognition as a Voluntary Association status and Council will continue with the registration drive amongst its members to ensure that by June 2006, the majority of Council members are registered and a minimum of 40% of voting members are registered 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. To this end several workshops were held to assist members in progressing their applications for ECSA registration.

The Council wishes to express its thanks to Mr H A Lamprecht for his drive and enthusiasm in conducting workshops and helping members to register.

OCCUPATIONAL, HEALTH AND SAFETY POLICY COMMITTEE (OH&SPC)

Your Association is represented on the Occupational, Health and Safety Policy Committee of the Chamber of Mines by Mr W Marais, with Mr C M Norden from the South African Colliery Engineers' Association serving as his alternate.

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

The main focus area of the committee has been:

1. Review the SIMRAC levy system:
2. Drafting of Regulations:
A number of new regulations have been drafted, promulgated and old regulations repealed. The main topic of discussion has been on the necessity of statutory appointments versus appointments based on risk assessments. (Statutory regulatory mechanisms versus outcome based regulations).

The Association continued to provide technical input and advice on flameproofing, non flameproof underground vehicles, definition on hazardous areas and risk assessment.

OPENCAST, UNDERGROUND AND PLANT USERS SUB-COMMITTEES

The Opencast, Underground and Plant Users Sub-Committees' meetings were revamped in order to stimulate attendance during the year with new Chairmen being appointed and co-opted to Council aimed at improving communication between different mines and mining houses. Meetings which did have some good attendance benefited from a good cross-pollination of ideas and solutions to problems on mines which proved beneficial to those concerned. However some meetings were cancelled during the year and attendance varied from meeting to meeting.

The Council again calls on members to support these sub- committees and encourage participation from shift bosses and foremen.

TECHNICAL VISIT

A technical visit was held to Richards Bay on 9 and 10 June 2005. Visits were arranged to the Richards Bay Coal Terminal and Richards Bay Minerals.

PAPERS AND TECHNICAL NOTES

Whilst it is noted that technical notes were presented during the year at Regional meetings, the call for the preparation and presentation of full technical papers has largely gone unheeded, and your Council would again urge that this matter receive urgent attention from members as these technical papers, besides being a valuable source for the dissemination of information, also serve as an educational tool for future mining engineers.

The following technical papers and presentations were made at the Association's General Meeting on 2 September 2005 and at Regional Meetings during the year:

DC Battery Operated Machines in Use in Hazardous Locations	H Zwart
The Future of the Certified Engineers	T J Ferguson
The Place of Coal in the Future World	P Bouwer
SACEA Strategic Plan for 2005	L D Botha
Sasol Gas Pipeline Video	G Duvenhage
Battery Hauliers at Brandspruit	Brandspruit

MERIT AWARDS

The standard and quality of technical papers presented during 2005 continue to be of high standard. The Editorial Committee agreed that the paper by Mr entitled "....." was of sufficiently high standard to warrant the awarding of the Association's gold medal.

Certificates of Merit were awarded to:

DC Battery Operated Machines in Use in Hazardous Locations	H Zwart
The Future of the Certified Engineers	T J Ferguson
The Place of Coal in the Future World	P Bouwer
SACEA Strategic Plan for 2005	L D Botha
Battery Hauliers at Brandspruit	Brandspruit
Xstrata Coal Maintenance Management Information System	J du Plessis

AWARDS SCHEME

Your Council introduced an awards scheme in 2000 utilizing the Association's surplus funds to promote the advancement of education within the engineering discipline of the Coal Mining Industry.

The awards for 2005 were awarded to

Best Certificated Engineer	-
Junior Engineer	-

The best apprentice award for 2005 at the Colliery Training College was awarded to Mr A Henning (Xstrata) at a function in April 2005.

PRESIDENTIAL FUNCTION

The 2005 combined General Meeting and Annual Presidential Function was held at the Cathedral Peak Hotel, Drakensberg 2 September 2005 – 4 September 2005. The function was well attended by 79 members and provided an opportunity for members to network and share information.

The successful Presidential function culminated with the traditional Black Tie banquet.

REPRESENTATION

The Council wishes to express its appreciation to all the representatives and alternates who continued to give their time to ensure that the Association was well represented and its views made know, in a most professional manner on various committees.

a)	<u>Legitimacy of SACEA and the Future of the Certificated Engineer</u>	T J Ferguson (Champion)
	* Future of the Certificated Engineer (MPA Steering Committee)	T J Ferguson/C M Norden
	* ECSA Registration, Workshops and Committee	H A Lamprecht
	* Sub Committees	Various Representatives
	• MQA	
	• ESGB	

	<ul style="list-style-type: none"> • SGB • 5-8 Working Groups (MQA and ECSA) 	
	* Membership Applications	H A Lamprecht
	<ul style="list-style-type: none"> • Improve Interaction with DME • Communication with Mining Houses (Head of Engineering) 	President President
b)	<u>Membership Value</u>	R M Power
	* Website	H Zwart
	* Newsletter	Secretary
i)	She Performance in Mines	Vice-President (Champion)
	* Occupational Health and Safety Policy Committee (OH&SPC)	C M Norden
	* Safety Workshop	R M Power
	* Coalsafe	Z A Botha
	* COPS (Standardisation)	M Mlilo
	* SACMA Safety Forum (Feedback)	R M Power
	* Engineering Expert Panel (SIMRAC)	R M Power
	* SANS – 868 – Part 2/3	M J Lourens
	* SANS 10142 – Part 2	H Zwart
	* SANS 10108	H Zwart
	* SANS 1489	H Zwart
	* SANS 086 Part 2	H Zwart

	* SANS 10086 Part 2 and Part 3	H Zwart
	* Collate and Distribute Safety Statistics and Safety Flashes	Vice-President
	* Contractors Safety (Workshops)	H A Lamprecht/R M Power
ii)	<u>Technical Professionalism</u>	S W J van Wyk (Champion)
	* Development and Training	Z A Botha/ J P Pearson
	<ul style="list-style-type: none"> • CTC • Olifantsfontein • Sasol • Ingwe 	
	* Commission of Examiners	J P Pearson
	* CM&EE	President
	* Technical Reference Group 26	J P Pearson
	* EPA Training	H Zwart
	* JOY Liaison	P E Mojalefa
	<ul style="list-style-type: none"> • Regional Meetings • North • South 	S W J van Wyk J Prinsloo
	* Opencast Users	G Gething
	* Underground Users	M Acutt
	* Plant Users	F Kudoos
	* Technical Visits	S W J van Wyk/Z A Botha
	* Technical Symposium (2005)	Z A Botha/President
	* Papers and Presentations (Editorial)	R M Power
	* Awards Committee	Z A Botha/S W J van Wyk/J P Pearson
	* Flameproof Association (SAFA)	M J Lourens/H Zwart
iii)	<u>Funding</u>	F Kudoos (Champion)
	<ul style="list-style-type: none"> • Income and Expenditure • Revenue Sources 	
	<u>MINING HOUSE CO-ORDINATORS</u>	
	Sasol	Z A Botha/C M Norden
	Ingwe	T J Ferguson
	Xstrata Coal	D Sichamba
	Anglo Coal	H A Lamprecht
	Eyesizwe	F Kudoos
	Kumba	H A Lamprecht

WEBSITE

The Association's website is operational and updated regularly. The website gives members valuable information on Association's activities as well as contact details for representatives on Council and other Committees. The address is www.sacea.org.za

The website was moved within the Chamber of Mines during the year, during which the web page was redesigned and the speed of access improved.

GOLF DAY

The Association again hosted a highly successful golf day at Graceland during October. Council wished to place on record its thanks to the President for the organisation of the event and the sponsors who generously supported the occasion.

TECHNICAL SYMPOSIUM

A technical symposium will be held on 20 April 2006. The theme will be "Best Practice Sharing and Value Adding". This will be an ideal opportunity to showcase the technical knowledge of members of the Associations and will give the opportunity to share knowledge and network.

CONCLUSION

In conclusion I wish to express my appreciation to all members for their continued support and invaluable input throughout the past year. To the Council for the arrangements made for the SACEA golf day and for the organisation made for the safety seminar. Both these events were very successful and a credit to the enthusiasm and passion of the Association. To my Secretary and the Association Secretary and his staff for their valuable assistance and guidance throughout the year and for the professional manner in which the affairs of the Association have been administered.

L D BOTHA
PRESIDENT