



SACEA

PROFESSIONAL
DYNAMIC
VALUE ADDING

SOUTH AFRICAN COLLIERY ENGINEERS' ASSOCIATION

40th
ANNUAL REPORT OF THE COUNCIL
FOR THE YEAR ENDED 31 DECEMBER 2018



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COUNCIL 2018

President

P E Mojalefa
Anglo American Coal

1st Vice-President

M Hyra
Coal Mine Management Services

2nd Vice-President

A Prinsloo
Anglo American Coal

Immediate Past President

J Subermoney
Sasol Mining

Regional Chairpersons

Northern Region

Hendrik Lombard
Exxaro Coal (Pty) Ltd

Limpopo Region

D Christie
Exxaro Coal South Africa

Southern Region

D White
South32 SA Coal Holdings (Pty) Ltd

Elected Members

Aldine Bezuidenhout
Sasol Mining (Pty) Ltd

Louis Botha
Sasol Mining (Pty) Ltd

Mazwi Buthelezi
Anglo American (Pty) Ltd

Darryl Christie
Exxaro Coal (Pty) Limited

Jan Coetzee
Anglo Operations (Pty) Ltd

Louis Delport
Sasol Mining (Pty) Ltd

Jan Diedericks
Glencore Coal

D Gravett
CTC (Observer)

Bontle Mtshengu
Exxaro Coal (Pty) Ltd

Johannes (Stompie) Nel
Exxaro Coal (Pty) Ltd

Johannes Nkosi
South32 SA Coal Holdings (Pty) Ltd

Annette Prinsloo
Anglo Operations (Pty) Ltd

Gerald Robinson
Glencore Coal

L D Turvey
Exxaro Coal South Africa

Schalk Van Wyk
Sasol Mining (Pty) Ltd

D White
South32 SA Coal Holdings (Pty) Ltd

Henk Zwart
Private Member

Association Secretary

Raymond van der Berg
MPAS Manager



REPORT OF THE COUNCIL FOR THE YEAR ENDED 31 DECEMBER 2018

The annual report presented to members of the Association on the occasion of the Fortieth Annual General Meeting held at the Kriel Recreational Lapa, Kriel on Thursday 08 February 2018.

STRATEGIC PROCESS

Your Council has continued to focus on the Association becoming an effective role player in the Coal Mining Industry. This process is ongoing from previous years as the Council wished to ensure that the Association is effectively marketed and participates in the preparation of new legislation, Codes of Practice, compliance to newly promulgated legislation as well as safety targets set by the Mining Industry.

A strategic planning session was held in February 2018 to set out the Association's interaction with its various stakeholders during the year.

The President and Council representatives met with the Heads of Engineering from the major Mining Houses to discuss, get direction and inputs to the Association's strategic plan for 2018. The Council furthermore invited the DMR's Principal Inspectors - Limpopo and Mpumalanga Regions to the Strategic session to get also inputs and direction from them.

The President and Vice Presidents gave feedback during the year to the Principal Inspectors, SACMA Councils and the Heads of Engineering from the Groups on the priorities and progress on the activities of SACEA.

These interventions continue to grow in importance and provides a unique opportunity to network with the Mining Houses representatives and the Department of Mineral Recourses.

FINANCE

The financial statements appended to this report indicate that income for the year amounted to **R 1 276 798** made up of subscriptions received during the year from Full, Affiliate and Candidate members, Presidential function, interest received from investments, Safety Workshops, GCC Workshop Technical Symposium, a Race day and the Golf day.

Expenditure amounted to **R 1 151 276** giving a surplus of **R 125 522**.

Accumulated funds of **R 858 675** will be carried forward to the new financial year.

The successful technical symposium continues to generate funds for the Association and thanks to the highly motivated team for making it a continued success.

Safety workshops were held during the year.

As part of the Association's objectives a successful golf day was held in November 2018 and the July race day. These events also promoted fellowship amongst members.

The Council thanks Mr L D Botha for his excellent work in making the golf day so successful and Mr G Q Gething for his hard work to make the Race day a success.

The accumulated funds have been used to fund the Association's initiatives as well as an amount donated to charity. The Council regularly strategies on how to make best use of the surplus for the general advancement of the Association.

MEMBERSHIP

The membership of the Association as at 31 December 2018 was **360** (353), made up of **187** (178) Full members, **35** (35) Affiliate members, **111** (112) Candidate Members, **11** (11) retired members, **15** (15) Honorary Life members and **1** Honorary Associate Member.

There has been an increase **2%** in comparison to the previous period.

Council records that the percentage registered with ECSA as full members (having voting rights) still complies with ECSA's requirement for SACEA to be recognized as a voluntarily Association with ECSA. However, a number of members need to join ECSA and others to upgrade their ECSA membership from candidate to full members. There are **188** (177) members registered at some level with ESCA (**110** professional engineers and **78** candidates).

MEETINGS

In addition to the monthly meetings of Council, regular Regional Meetings were held during the year and feedback 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 ten Council meetings were held during the course of the year.

The User Groups (Opencast, Underground and Plant) had a successful year with regular meetings and several technical visits. Each User Group has a Council appointed Chairperson who ensures regular meetings and visits of interest.

The Council, Workshops, the Regional Meetings, a General Meeting and Joint Meetings with AMRE and SACMA were well supported during the year and shows the commitment by members to the Association.

The President was invited to attend Council Meetings of the South African Colliery Managers' Association and wishes to thank its President, Mr W Tollemache for assisting in maintaining close ties between the two Associations.

YOUNG TALENT

The SACEA Young Talent forum which was established in 2012, was developed further during the year ensuring that SACEA is a prominent Association which created value to Engineering Professionals in training (PIT's).



Technical visits were arranged during the year and Mr P E Mojalefa arranged a GCC workshop in May and AMRE arranged a similar event in October to assist PITs gaining exposure, signing off their Annexure E requirements and networking. These events were well supported and beneficial to the members who participated.

MEETINGS OF PRESIDENTS AND VICE-PRESIDENTS

These meetings provide the management of the Mine Professional Associations' Secretariat (MPAS) to manage and organize the day to day work of MPAS under the guidance of the Chairman, Mr A Brown, as well as a useful forum where matters of mutual interest and concern have been addressed with the meeting being held every third month of the year.

SAFETY AND HEALTH

MINE SAFETY ACHIEVEMENTS

The Association through Council continues to place a high priority on safety improvements, risk assessment and the elimination of accidents. Reports by members are made at all Association meetings and the DMR is invited to Regional meetings and Safety Workshops to address members.

Congratulations to the management and staff of all the mines who had safety achievements during 2018. These achievements will be acknowledged at Coalsafe 2019.

SAFETY WORKSHOPS

The Council agreed on safety workshops to focus on topics identified during the Strategic session.

Workshops were held in January, April and November 2018, with workshop topics being:

- DMR Engineers Safety Workshop
- SAFA (South African Flameproof Association) / SACEA Workshop
- Safety Leadership Workshop

Comprehensive discussion sessions followed the presentations made at the workshops which was beneficial to delegates and the foundation for greater understanding and networking.

2018 COLLIERY HEALTH AND SAFETY CAMPAIGN (COALSAFE)

Your Association has once again been actively involved in the 2018 Colliery Safety and Health Campaign and remains fully committed to the Campaign's ideals for the promotion of safety and health in the Mining Industry.

MINESAFE 2018

Your Association also took part in the Minesafe 2018 at Galagher Estate at the end of August 2018. Minesafe 2018 is a collaboration of hard rock and coal mines on safety, occupational hygiene, environment and community, ending with presentations of safety achievements.

MINING QUALIFICATIONS AUTHORITY (MQA)

During the year the Council received feedback from Mr D Gravett from Colliery Training College to be kept abreast of services offered in the training arena.

THE ENGINEERING COUNCIL OF SA (ECSA)

Your Association continues to keep abreast of developments at ECSA. Your representatives continue to participate in the ECSA registration committee.

The Association continues to meet its Voluntary Association (VA) status with ECSA and was granted its renewal of its VA status for a further 5 years in 2023.

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

The main focus of this committee is to represent employer bodies at a Chamber level on redrafting of legal requirements and other issues that may affect the Industry. The recommendations of the Committee are taken to the Mine Regulatory Committee and from there to the Mine Health and Safety Committee.

One of the focus areas was the representation of the Industry at the DMR to review various regulations which were subsequently gazetted during the year.

CERTIFICATED MECHANICAL AND ELECTRICAL ENGINEERS (CM&EE)

The main focus of this committee is to represent employer bodies at a Chamber level on redrafting of legal requirements and other issues that may affect the Industry. The Recommendations are then submitted to OH&SPC.

PAPERS, PRESENTATIONS AND TECHNICAL NOTES

Council would again urge that members offer technical papers for presentation at SACEA meetings, besides being a valuable source for the dissemination of information, also serve as an educational tool for future engineers.

AWARDS SCHEME

The Council introduced an award's scheme in 2000, utilising the Association's surplus funds to promote the advancement of education within the engineering discipline of the Coal Mining Industry.

The best apprentice award for 2017/2018 at the Colliery Training College was awarded to Mr P Kubheka at a prize giving function.



PRESIDENTIAL FUNCTION

The 2018 combined General Meeting and Annual Presidential Function was held at the Protea Hotel, Kruger Gate, Nelspruit from 21-23 September 2018. The function was attended by 61 members and provided an opportunity for members and their families to network and share information.

The successful Presidential function culminated with the traditional Black-Tie banquet on 22 September 2018.

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 known, in a most professional manner on various committees.

Marketing & Growth:

Prestige Recognition Committee:

E Mojalefa
L Turvey

Membership Drive:

L Turvey
S Nel

Communication Team:

SL Janse Van Vuuren
A Prinsloo

Website, Newsletter, Golf Day

L D Botha

Presidential Function

E Mojalefa

Race Day

G Gething

Influencing Policy:

DMR Engagement

J Nkosi

ECSA

A Bezuidenhout

OH&SPC

J Diedericks

CM&EE

S van Wyk

Safety:

Safety Workshops

L Botha
S Van Wyk

Safety Committees

S Van Wyk
J Nkosi

Standards & Specifications Communication:

SAFA/SANS

H Zwart
J Coetzee
A Bezuidenhout

Good Practice Committee

S Van Wyk
H Lombard

Conveyors Committee

J Coetzee

PPE Standards Committee

B Mtshengu

LDV Standards Committee

H Lombard

Fire COP Committee

L Turvey

Electrical Standards Committee

A Bezuidenhout

Competency defining & development

CTC (MOA) Committee

H Lombard
D Gravett

Leadership Competency

S Nel

GCC Committee and Commission of Examiners

PE Mojalefa

Young Talent Forum

F du Preez

Innovation

Innovation Committee

M Hyra
S Nel
L Turvey

HOE & EM Alignment

Engagements

E Mojalefa
L Turvey

Technical

User Groups

Opencast

G Robinson

Underground

Vacant

Plant

J Diedericks

Northern Regional Meetings

H Lombard



Limpopo Regional Meetings
D Christie

Southern Regional Meetings
D White

Technical Symposium
S Subermoney
A Prinsloo
S van Wyk

PDS Surface & Diesel
G Robinson

WEBSITE and COMMUNICATION

The Association's website address is www.sacea.org.za. The website gives members valuable information on Association as well as contact details for representatives on Council and other Committees. All technical presentations, calendar, communication sheet and upcoming events are up loaded. Council want to thank all for the hard work and dedication to ensure that the website is continuous updated.

GOLF DAY

Council wished to place on record its thanks to Mr L D Botha for the organisation of the event and the sponsors who generously supported the occasion.

RACE DAY

The Association again hosted a highly successful race day. The event was well supported by the Mining Houses and Sponsors and it turned into a fun filled day.

JOINT SACEA/AMRE GENERAL MEETING

The annual joint SACEA/AMRE General Meeting, hosted by SACEA, was held on 16 August 2018 and was hosted at the Colliery Training College (CTC) in Witbank. This is proving to be a popular interaction between the two Associations.

JOINT GENERAL MEETING OF COAL ASSOCIATIONS

A Joint General Meeting was held on 29 November 2018 at Kriel Lapa, Witbank.

TECHNICAL SYMPOSIUM

The 13th annual Technical Symposium "Leading Practices Sharing to Achieve Zero Harm Production" were hosted at Zibulo Colliery on 26 July 2018. Twenty exhibitors attended the event to exhibit their mining products aligned with the Symposium's theme.

The following papers presented were:

- The Effects of Corrosion on Mine Structural Infrastructure/ The Ticking Time Bomb
- The Remote Isolation and Locking Out of Conveyor Belts
- Digitalisation
- Plant Rom Bin Demolishment and Replacement

- "The Did Not Know Menace" - An Electrical Perspective
- Opencast Machinery Fire Prevention
- New Generation Machine Control System (Digitalization Ready)
- OEM Technology on Opencast Machinery PDS
- PDS – Matrix System on Sandvik Ltd Being Tested at Sigma Colliery

The Council wishes to thank all participants and sponsors.

The symposium is an ideal opportunity to showcase knowledge of members of the Associations and will give the opportunity to share knowledge and network.

ECSA continuing professional development credits were awarded.

TECHNICAL VISITS

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

During the year a number of Technical visits (arranged by the User Groups and the Young Talent Forum) were undertaken by members.

CONCLUSION

In conclusion the council wish to express their appreciation to all members for their continued support and invaluable input throughout the past year.

I would like to take the opportunity to thank the Council for the support and arrangements made for the SACEA golf day, the Race day and for the organization of the Technical symposium, Safety workshops, GCC workshops and Strategic session.

Thank you to the various Chairmen of the regions and user committees. These events were very successful and a credit to the enthusiasm and passion of the Association. To my colleagues and the Association's Secretary and mines Professionals Associations' Secretariat for their valuable assistance and guidance throughout the year and for the professional manner in which the affairs of the Association have been administered.

PE MOJALEFA
SACEA PRESIDENT