



THE SOUTH AFRICAN CODE FOR THE REPORTING OF
EXPLORATION RESULTS, MINERAL RESOURCES AND MINERAL RESERVES



THE SOUTH AFRICAN MINERAL REPORTING CODES



THE SOUTH AFRICAN CODE FOR THE REPORTING OF
MINERAL ASSET VALUATIONS

SAMCODES CONFERENCE 2021

Good Practice and Lessons Learnt Industry Reporting Standards

25–29 October 2021

2 ECSA CPD points
2 SACNASP CPD points or
16 GSSA CPD points
will be allocated to all
attending delegates

OBJECTIVES

The conference provides Competent Persons and Competent Valuers the opportunity to prepare and present details of recognised standards and industry benchmarks as well as relate lessons learnt in relation to the declaration of Mineral Resources and Mineral Reserves and the preparation of valuations.

In addition to providing contributions in respect of good practices and recognised standards and industry benchmarks, the conference aims to provide guidance on the complex issues in grey areas of the Codes.

The SAMCODES conference will incorporate issues such as the implementation of the Codes by The JSE • the relevance of the Codes • some of the lessons learnt since the implementation of the Codes in 2016 • address aspects of SANS 10320 for the declaration of Coal Resources and Coal Reserves • the application of the various methods of valuation and where and when they should be applied in accordance with the SAMVAL Code.

The importance and relevance of the SAMCODES: Part of a Global Family Topics to be presented

SAMREC CODE

Exploration Targets

Reporting of Exploration Results: What to report
Exploration Targets: The use and misuse

Mineral Resources

Geological data
Use of Historical data
In Situ Bulk density
Sampling theory
Drilling density
Sample collection
Sampling and analysis protocols
QA/QC
Geological interpretation and geological model
Conditional simulation
Mineral Resource estimation
Classification and reporting
Drilling techniques and drilling
Role of technology in data capture and Mineral Resource estimation
Reasonable Prospects of Eventual Economic Extraction (RPEEE)

Mineral Reserves

The modifying factors - specifics
Is capital funding required?
Selecting a mining method
Importance of Scoping and Pre-feasibility Studies
Metal Markets: Consensus views
Optimal mine scheduling
Cut-off grades
Feasibility studies
Risk assessment in Mineral Resource and Mineral Reserve estimation
Classification and reporting
Grade reconciliation

Other Aspects

The JSE listing Rules
Lessons learnt from the Readers Panel
CPRs: Use and Abuse.
What Legal aspects are required?
Environmental Sustainability issues
Social and labour planning

SAMVAL CODE

Cost Approach

Valuation of exploration properties using the cost approach

Market Approach

A review of market-based approaches
Valuation of mineral properties without Mineral Resources
Valuation methods for exploration properties and undeveloped Mineral Resources

Income Approach – Acc to Samval Code

A Review of cash flow approaches
Discounted cash flow analysis: input parameters and sensitivity
Discounted cash flow analysis: methodology and discount rates
The valuation of advanced mining projects and operating mines
Valuing mineral opportunities as options
Audits and reviews
Deleterious elements/minerals

Sponsors



SAMCODE Guidelines

SAMESG Guideline

Impacts of ESG consideration on RPEEE
Reporting lessons learnt

Diamond Resource and Reserve Reporting

Coal Resource and Reserve Reporting

How does SANS10320 compare with other coal reporting guidelines?

How applicable to other southern African coal deposits is SANS10320?

What impact does using the in situ moisture and in situ density have on South African thermal Coal Resource estimates?



For further information contact:
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WHO SHOULD ATTEND

The conference provides a platform for:

- Resource geologists
- Resource investors
- Project Finance Practitioners
- Exploration geologists
- Geoscientists
- Mining engineers
- Mineral Resource and Reserve managers
- Mineral Resource and Reserve practitioners
- Competent Valuers

CALL FOR PAPERS/PRESENTATIONS

Prospective authors are invited to submit titles and abstracts of their papers/presentations, in English. The abstracts should be no longer than 500 words. Authors will be required to register for the conference to present their papers/presentations.

To ensure the health and safety of our industry during the Covid-19 pandemic, we will be hosting this event online. You can still claim your CPD, SACNASP and GSSA points for online attendance

SPONSORSHIP

Sponsorship opportunities are available.
Companies wishing to sponsor should contact
the Conference Co-ordinator.

For further information contact:

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