

blast DESIGN

ONLINE SHORT COURSE

13 OCTOBER 2020

CPD Points

0.1 ECSA CPD Points for every 1 hour webinar attended

BACKGROUND

Blast design can be defined in simplified form as an ability to remove the waste rock to expose the ore (Gold and Diamond) or coal. First thing to look at is the drivers in the waste environment, which is typically around loading and hauling efficiency. In blasting terms this refers to material that can be handled in a fill (either full bucket or completely filled) bucket depending on fragmentation and the loading equipment. The aim is to optimise and achieve the desired fragmentation. These outcomes are influenced by the following:

- Geology (rock type and rock properties)
- Explosives (mass and type)
- Initiation (type and timing)
- Muckpile in relation to the free face
- Bench geometry.

PROGRAMME

- 17h00-17h10 Welcome and Introduction
- 17h10-18h00 Session 1
- 18h00-18h10 Comfort break
- 18h10-19h00 Session 2
- 19h00-19h30 Open Discussion
- 19h30 Closing

SAIMM have responded to our member feedback and are excited to be offering short-courses to develop critical technical skills across the complete mining value chain. We are excited to offer our first course in this serious focused on learning the fundamental of Blast design with respect to Geology (rock type and rock properties), Explosives (mass and type), Initiation (type and timing), Muckpile in relation to the free face, Bench geometry.

This short-course is being offered from 17h00 until 19h30 so that you can take advantage of your time in lockdown and do some learning.

CPD points towards your Continual Professional Development Requirements. Please add the usual CPD wording.

Simon Tose is an expert in Blast Design from AEL and will be sharing his expertise on this subject.



Simon Tose is an established industry recognized consultant, registered professional engineer and leader in technology, mining, explosives and blasting science. Holding a BSC Hons Mining Engineering degree, management and explosive qualifications. Extensive experience in mining methods, education and management of projects and blast investigations. He has written papers, articles and presented at a number of International and

Local conferences. Current board member of the IOQSA & ISEE and regular contributions to the SAIMM & AusIMM.

With a strength in project design he leads the Blast Consult team with a strong passion for the development of environmental and blast monitoring, measurement and investigation, consulting, management and financial analysis for AEL.

FOR FURTHER INFORMATION, CONTACT:

Camielah Jardine,
Head of Conferencing

E-mail: camielah@saimm.co.za
Tel: +27 11 834-1273/7
Web: www.saimm.co.za

blast DESIGN

ONLINE SHORT COURSE
13 OCTOBER 2020



SAIMM
THE SOUTHERN AFRICAN INSTITUTE
OF MINING AND METALLURGY



YPC
YOUNG PROFESSIONALS COUNCIL
YPC_CONNECTED SERIES

Please complete and return to:
SAIMM, P.O. Box 61127, Marshalltown, 2107
Tel: +27 11 834 1273/7 · Fax: +27 11 838 5923 or 833 8156
E-mail: camielah@saimm.co.za (Head of Conferencing) or
tshepi@saimm.co.za (Registration)

Our banking details are:

Bank: Standard Bank
Branch Code: 000205
Account Type: Cheque Account

Branch: Johannesburg
Account No: 000402974
Swift No. SBZAJJ

REGISTRATION FEES

SAIMM/GSSA/SAGA MEMBER REGISTRATION	R500	<input type="checkbox"/>
NON SAIMM/GSSA/SAGA MEMBER REGISTRATION	R700	<input type="checkbox"/>
STUDENT/RETIRED MEMBER REGISTRATION	R300	<input type="checkbox"/>
GROUP BOOKING (10 OR MORE PER ATTENDEE)	R300	<input type="checkbox"/>

REGISTRATION FORM

PERSONAL DETAILS

Title and InitialsSurname

Company Designation

Company VAT Registration (Compulsory—SA companies) Order No.....

Invoice Address

..... Code Country.....

Tell/Cell: Email:.....

Cheques—Please find enclosed a cheque/money order (in SA Rands) payable to SAIMM or

EFT (Electronic Fund Transfer) – Please attach proof of payment

Credit Cards—Please debit (a tick) my:

Visa Mastercard American Express Diners Club

Card No.

CVV authorisation (last 3 or 4 digits on the back of the card)

Expiry date: Authorisation Signature:Date.....

Please print name of cardholder: