



Environmental Constraints in Blasting

ONLINE SHORT COURSE

25 FEBRUARY 2021

CPD Points

0.1 ECSA CPD Points for every 1 hour webinar attended

BACKGROUND

Blasting is necessary for the recovery of ore, minerals or stone in our underground and surface mines and also in the development of key infrastructure in civil blasting. However, blasting can cause noise and vibration, which can have an impact upon neighbouring premises. Proper control of blasting practices is therefore necessary to ensure both the safety of employees and the protection of the community from adverse effects. Ground vibration, noise, airblast and flyrock, usually results in complaints from the public following blasting operations. More often than not, excess noise and airblast are the cause of the complaint even though the complainant may have in fact claimed that ground vibrations are the problem. A considerable amount of research into blasting vibrations and consequential damage has been done. In most cases, a competent operator can reasonably predict the level of airblast and ground vibration. However the generation and transmission of airblast and ground vibration is affected by many factors. The challenge forward is not to just apply a limit rather to promote a better understanding of the key leverage points to better manage the impact of blasting and the unique local constraints impacting on the mine operation. We will use a real life example to understand these constraints, how to manage them and the impact on the way we do blast design in our short course.

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 second course in this series focused on Environmental Constraints in Blasting.

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.

PROGRAMME

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

PRESENTER



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

SAIMM ONLINE

SHORT COURSE



Environmental Constraints in Blasting

ONLINE SHORT COURSE

25 FEBRUARY 2021

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 Initials Surname

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:



Our banking details are:

Bank: Standard Bank
Branch: Johannesburg
Branch Code: 000205
Account No: 000402974
Account Type: Cheque Account
Swift No. SBZAZAJJ

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)