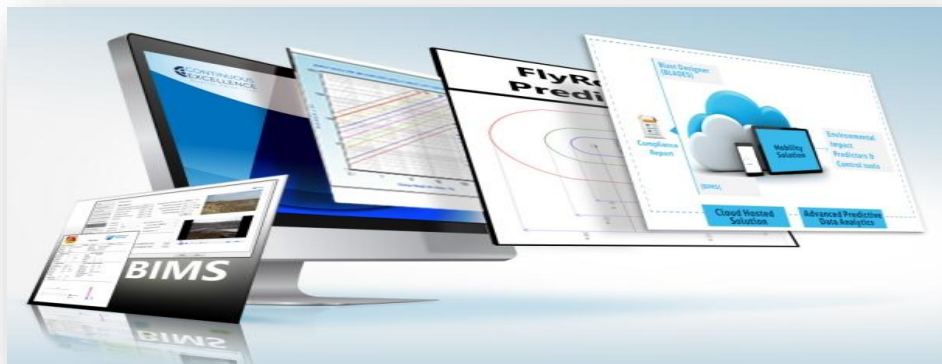
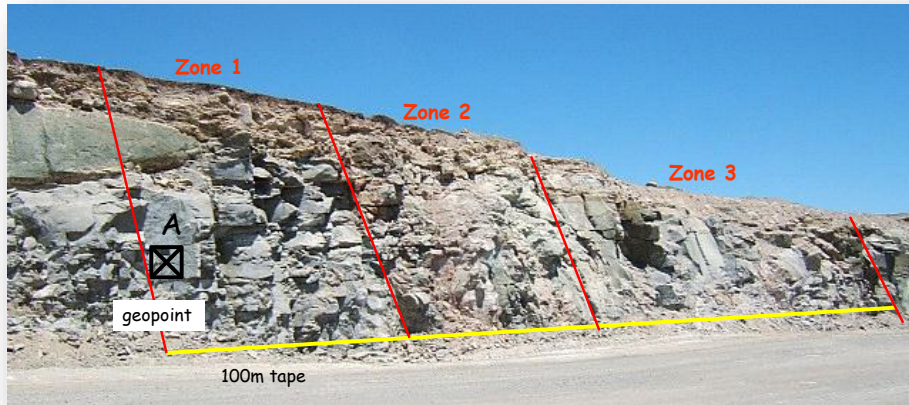


SCIENTIFIC STUDIES OF BLASTING TECHNIQUES & LEGISLATIVE COMPLIANCE

SKILL DEVELOPMENT PROGRAM

Venue: Jodhpur

February 25-26, 2020



Earth Resource
Technology



SCIENTIFIC STUDIES OF BLASTING

TECHNIQUES & LEGISLATIVE COMPLIANCE

Course Objective

Scientific Studies have been made imperative in the recent legislative changes and related DGMS circular (CMR2017 and to be notified MMR2020). Proper implementation of these changes will make mining operations safer and more economical. These changes will provide an opportunity to understand impact of drilling & blasting (D&B) on safety and mine economics. MineExcellence and Safe MineTech Solutions are organizing this workshop to understand these welcome changes and potential benefits to the mining industry.

D&B controls upstream and downstream mining processes. Scientifically designed and monitored D&B can be used to improve the mining and milling operations. Benefits of greater control over fragmentation, muck piles, and ore dilution are just the beginning. There are also benefits of lower vibration and safe blast configurations those eliminate expensive downtime and social issues. This course has been designed for field personnel to optimize D&B operations in modern mines. Topics will cover a variety of themes: modern theory, products, accessories, design, control of results, adverse impact and scientific execution and data management. Program will include hands on exercises on D&B design and monitoring software / App, seismograph understanding and high-speed camera operations.

Key Themes

1. Blasting Fundamentals
2. Drill & Blast Engineering
3. Downstream Effects Operations
4. Drill & Blast Management
5. Managing Environmental Impact of Blasting
6. Legislative compliance and management of scientific blasting data
7. Tools and procedure for scientific studies
8. Case studies and lessons learned



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KEY INSTRUCTORS

- (1) Professor Sushil Bhandari Ph.D. (University of New South Wales Australia) Formerly Dean, Faculty of Engg. JNV University, Jodhpur
- (2) Dr. Alan Richards, Ph.D. (University of Melbourne, Australia) CEO TERROCK Engineers, Melbourne,
- (3) Dr. Mani Ram Saharan, Ph.D. (McGill University, Montreal, Canada) CEO SAFE MINETECH SOLUTIONS
- (4) Sanjay Purohit, B.E. Mining, M.D. FAQ International LLC, Oman,

KEY INFORMATION

Phone: (0291) 3591883

Email: training@mineexcellence.com

*Fee: Rs. 12,000.00 (18% IGST Extra) per participant
Registration fee includes course material, demonstration and hands-on experience Blast software. Payment is to be made through Bank draft or Bank transfer to:
CONTINUOUS EXCELLENCE PRIVATE LIMITED, Bank Name: Oriental Bank of Commerce,
Account No: 12451132001100, RTGS/NEFT IFSC: ORBC0101245. The course is Non-Residential and with limited seats only for one-to-one training. Hurry-up for the registration Sponsorship opportunity available.*



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