Report on National Seminar on “Roadmap Towards Sustainable Mining” held on 21st and 22nd September 2018 at Hotel Mallegi, Hosapete

1.0 Two days National Seminar on “Roadmap Towards Sustainable Mining” was held at Hotel Mallegi, Hosapete on 21st and 22nd 2018 by Mining Engineers’ Association of India (MEAI), Ballari-Hosapete Chapter. The event was held under the aegis of Directorate General of Mines Safety and supported by Department of Mines & Geology, Government of Karnataka and Mines Safety Association Karnataka (MSAK).

2.0 The inaugural session was chaired by Shri Utpal Saha, Dy. Director General of Mines Safety, Southern Zone as Chief Guest, Shri K. Madhusudhana, Vice President-II, MEAI & VP, M/s MSPL, Shri B. Sahoo, Chairman, MEAI, BH Chapter & ED, M/s NMDC Ltd., Dr. Meda Venkataiah, ED, M/s MSPL & Chairman MSAK were guest of honour. The event was presided over by Shri Arun Kumar Kothari, President, MEAI & Former DM&G, Rajasthan.

3.0 About 230 delegates all around mining industry covering Karnataka, Andhra Pradesh and Tamilnadu State participated in the conference.

During two days, following themes were deliberated in the conference:

a) Occupational Health, Welfare and Safety in Mining: Present-Future

b) New trends in Exploration in Strategic & Rare Earth Minerals

c) Advance technology in Mining Exploration

d) Advancement in Drilling and Blasting technology

e) Alternative systems of transportation: Downhill conveyors and railway sidings

4.0 Following technical papers on occupational health and safety of persons working in mines were presented by DGMS officers in the first technical session:

i) Occupational Health, Safety and Welfare issues in unorganized sector mines of Ballari Region by Shri Manish Murkute, Director of Mines Safety, Ballari Region

ii) Issues and concern in small mines of Southern Zone, by Shri Mihir Choudhary, Director of Mines Safety, Southern Zone.
iii) Electrical Safety in Mines by Shri Raghu Mergu, Dy. Director of Mines Safety, (Electrical)

The seminar was all round successful in conveying views in all technical sessions for meaningful discussions and interactions. The recommendations of the conference will be circulated in due course of time to all stakeholders including different Central/State Government departments.

Few selected photographs in connection with the event have been enclosed below.
Thank you for keeping mobile phones in ‘OFF’ position.

Category of S. Zone mines Contd....

- The majority of above open cast mines are semi mechanized and being operated by deploying excavators, tippers and jack hammer drills, also many are being operated manually by engaging tractor, using jack hammer drilling/blasting and manual sizing/sorting and loading into tractors.
- Mostly these mines are falling under private unorganized sector and statutory compliance like appointment of qualified managers, provisions of welfare amenities etc. are minimal.
- Miners are untrained and exposed to occupational hazards particularly exposure to respirable dust.
INTRODUCTION:

Mining in the earth is much older and was existing even before the invention of electricity. But, electricity as it had become very much necessary for human existence today, it had also become the most essential energy in mining. Use of electricity in mines is not that simple as it is safe in any other industry. Safe use of electricity in mines needs constant attention and particularly in underground / Opencast mines. This paper will deal with the aspects of safe use of electricity in the mines.

OCCUPATIONAL SAFETY, HEALTH & WELFARE IN UNORGANISED SECTOR MINING OF BALLARI REGION

by,

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