ABOUT DIRECTORATE GENERAL OF MINES SAFETY

Directorate General of Mines Safety, DGMS in short, is the Indian Government Regulatory agency for safety in Mines and Oil-fields.

The mission of the DGMS is to continually improve safety and health standards, practices and performance in the mining industry and upstream petroleum industry by implementing:
- pro-active safety and health strategies
- continuous improvement of processes
- effective use of resources
- commitment and professional behaviour in its personnel

ABOUT SCCL

The year 1886 witnessed the formation of the Hyderabad Deccan Company Private Limited after an extensive survey by Dr. William King, an eminent Geologist, which confirmed the revolutionary discovery of mammoth deposits of coal in the Godavari valley. The first commercial operation commenced at Yellandu (Khammam District) in Andhra Pradesh in 1889. In 1921, the company was re-christened as “The Singareni Collieries Company Limited” and its scrip listed on the London Stock Exchange. In the year 1949, SCCL went into the control of the State and is jointly owned by the Government of Andhra Pradesh and Government of India on a 51:49 equity basis.

A rich & varied experience of over 120 years in Coal Mining is leading SCCL to unfailing success. SCCL is having an ISO 9001:2008 accredited Exploration department with highly qualified, academically brilliant, strong inter disciplinary experts, an ISO 9001:2008 accredited Project Planning Department, competently undertaking Coal Mine Planning, with 50 professionals in the fields of Opencast and Underground Mining, Mine Environmental Engineering, Mine Mechanical & Electrical Engineering, Econometrics, Finance, Industrial Engineering, Geology and Mine Planning Software and prepares about 15 Project Reports every year. To streamline and better manage its resources, SCCL has successfully implemented ITES - Underground Mine Management Systems (UGMMS) and Opencast Mine Management Systems (OCMMS) and Operator Independent Truck Dispatch System (OITDS). SCCL is the first Coal Mining Company to implement Enterprise Resources Planning (ERP) for effective utilization of resources.

LOCATION

The Singareni coal reserves stretch over 350 km of Pranahita Godavari Valley of Andhra Pradesh, covering the districts of Khammam, Warangal, Karimnagar and Adilabad with proven Geological Reserves aggregating to a whopping 9436 Million tonnes as on 31st March 2010.

The Singareni Collieries Company Limited now operates 14 Opencast and 36 Underground Mines with manpower of above 68,000 and has produced 50.42 Million tonnes of coal last year to a satisfied customer base comprising of Power Utilities, Cement Industries and a host of other Industries. The Singareni Collieries Company Limited is now regarded as a trendsetter of modern management in the Indian Coal Mining Industry.
TECHNOLOGY

OPENCAST
- Surface Miner
- Dragline
- Shovel & Dumper
- Inpit crusher – Conveyor – Spreader

UNDERGROUND
- Conventional Mining
- Side Discharge Loader
- Load Haul Dumper
- Road Header
- Mechanized Longwall with PRS
- Blasting Gallery
- Continuous Miner

SEMINAR PERSPECTIVE

Coal takes care of 26.5% of global primary energy needs generating 41.5% of World’s electricity. In the Indian scenario, Working Group estimates a demand of 1125 MT of coal by the terminal year of XII Plan (2016-17), from the present level of 550 MT coal production during the year 2009-10. 68% of Indian electricity generation is coal based and the demand is increasing. The share of Opencast Production in the total coal produced in India is about 88% while it is 76% in SCCL. With the opencastable reserves in SCCL leasehold area of Pranahita Godavari valley fast depleting, with almost no economically viable opencastable blocks left out, SCCL is banking on economic exploitation of its deep-seated underground coal blocks.

Issues concerning exploitation of deep seated coal reserves are – ventilation, strata management, means of ingress and egress, pumping, transport of men & machinery and bulk handling & transport of the coal produced. All these issues add up to the cost of production, making underground coal production unviable at the prevailing costs-price structure. The answer for these problems lies in successful introduction of bulk production technologies, which are high capital intensive.

Directorate General of Mines Safety regulates the safety and conservation issues connected with Indian Mining Industry. DGMS is also keen in the introduction of suitable mining machinery for bulk production in deep-seated underground Coal Mines. With the result, underground coal production is likely to scale new heights in near future.

This Seminar shall be a smart beginning to pave a platform for economically viable underground coal mining of deep-seated coal blocks for the benefit of the Indian Coal Mining Industry.

METHODOLOGY OF THE SEMINAR

One-day Seminar on importance of Underground Coal Mining titled “The future of Overground Lies Belowground” will consist of an Inaugural Session followed by Technical Sessions by eminent contributors on the above theme of the seminar covering the following topics:
- Future Scenario of Coal Mining in India and in The World.
- Development of various Underground Mining Machinery and gainful utilization.
- Technological advancements in Mine Safety.
- Role of R&D in Underground Coal Mining.
- Role of IT in Coal Mining industry.
- Challenges in exploitation of deep-seated coal deposits.
WHO SHOULD ATTEND
This seminar will be of great interest to Senior Managers from Mining and Allied Industries, Directors of Inspectorate, Mining Engineers, Professors of Academic Institutions and Senior Researchers of R&D Institutes and students from Engineering Colleges.

CALL FOR PAPERS and PAPER SUBMISSION
Technical / Research and informative original papers on the above topic are invited from Mining Professionals, Researchers, Policy makers, Practicing Mining Engineers, Mining Equipment Manufacturers and Coal Mining Companies.

Date of the Seminar : 28.08.2010.
Submission of Papers : 20.08.2010
Acceptance of Papers : 22.08.2010

- The paper shall be in MS Word using New Times Roman with font size 12 pt for the text in single line spacing.
- Title of the paper in 16 pt and the headings in the text in 14pt.
- The length of the paper including tables, figures and references shall not exceed 5 typed pages of A4 size.

REGISTRATION
This programme is Non-residential and no participation fee will be charged. For online registration details, please visit website www.scclmines.com. Fill the online registration form and submit. Confirmation of the registration shall be sent by e-mail.

SOUVENIR & ADVERTISEMENT TARIFF
A Souvenir shall be released commemorating the National Seminar. Advertisements are invited with tariff as follows:
Front inside Rs. 20,000/- Back inside Rs. 20,000/- Back Side Rs. 25,000/-
Inner Pages - Full Page Rs. 15,000/- All advertisements shall be in CMYK Color.

VENUE
Hotel Golconda, Mehdipatnam, Hyderabad

DATE & TIME
28 August 2010 between 10.00 am and 05.30 pm.

Contact :
K J Amarnath
Organising Secretary & Chief General Manager (HRD)

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