

# Major Achievements of Safety Department 2024 (till date)



# OUR MAJOR DOMAINS IN MINES SAFETY

## SAFETY MANAGEMENT SYSTEM

- [Safety Management Plan](#)
- PHMP
- SOP/COP
- Standing Orders
- EREP & [Mock Drill](#)
- Safety Audit
- Scientific Study

## SAFETY AWARENESS & CULTURE

- [Safety Talks including Tool-Box Safety Talks](#)
- [Safety Video Clips](#) Creation & Display. [Safety drives](#) , Campaigns & audits
- [Person Safety Counselling](#) & Family Counselling
- [Nukkad-Natak](#) & other programs



## MINE OPERATIONS

- Operation and maintenance of machinery
- Safety Features in HEMMs
- [LMV Management](#)
- Mine Geometry
- Explosives & Blasting
- [Electrical safety](#)
- Mine illumination
- Dust

## CONTRACTOR WORKERS SAFETY

- IME/ PME including [Eye Refraction Test](#)
- Vocational Training
- HPC wages, Working Hours
- Welfare & Medical Facilities

# OUR MAJOR SAFETY INITIATIVES: TO IMPROVE THE SAFETY STANDARDS IN CCL

01 Safety Drives, Inspections & Audits

02 Leveraging of New Technology including IT

03 Workshops on safety topics

04 Training by OEM & Outside training, Simulator Training for HEMMs

05 Safety talks including tool-box safety talks to work persons..

06 Display of dramatized/ animated safety video clips.

07 Personal and Family Counseling

08 Nukkad Natak, Safety Competition

## OUR MAJOR SAFETY INITIATIVES.....Continued

INITIATIVES	PROGRESS
Procurement of High Mast Red Flags with magnetic and vacuum fittings, along with flasher lights, for LMVs	1123 nos. in the process of procurement.
Back Shift inspections by ISO HQ officers	3 <sup>Rd</sup> cycle is in progress.
Compulsory First-aid and Fire Fighting Training to all persons engaged in Electrical works.	35 persons trained till July 2024
Special training in Electrical safety at <u>NPTI</u> , Neyveli Tamilnadu	First batch(23) Trained and key learnings implemented
Safety inspections of Sub-stations	All areas covered
Monsoon Management	Monsoon Preparation Drive was taken vigorously by multiple teams
Procurement of ETMS (Environment Tele-monitoring System) for Churi UG.	In Process & will be procured soon
Regular training by trainers from OEMs on HEMM Safety	192 persons trained at CETI till July 2024
Training in CPR using advanced Mannequin using digital display	113 persons trained

# NEW INITIATIVES & FUTURE PLANS: TO IMPROVE THE SAFETY STANDARDS IN CCL

**01** ICCC & Geo Fencing

**02** 360 Degree Camera, Anti-collision device

**03** AR/VR Based Training

**04** Deployment of Ripper Miner & Highwall Mining

**05** Drone on hiring mode for Security and Mines Safety

**06** Roko Toko Abhiyaan

**07** Risk Management Committee

**08** AI Enabled Fire Detection & Suppression System

# SAFETY HIGHLIGHTS







**Grand Closing-cum-Prize Distribution Ceremony of 66th Annual Mines Safety Week 2023 was held on 27.01.2024 at Hazaribagh Area.**



**CCL bagged two prizes at the Mine Safety Award 2024 function held on 28.07.2024:**


- 1st prize by Sayal D OC in small opencast Mine category**
- 2nd prize by Ashok OC in medium opencast category.**



# स्थापना दिवस समारोह Foundation Day Celebrations



General Manager (Safety), Sri S.K. Singh, was honored with the Individual Excellence Award during the Foundation Day Celebration held in Kolkata on 03.11.2024, in recognition of his outstanding contributions to safety initiatives at CCL.

**Training & Certification  
Program on "Establish &  
Maintain Risk  
Management System"  
and "Lead Initial  
Response to &  
Investigation in  
Workplace Safety and  
Health Incidents"  
conducted by trainers  
from M/s Talisman  
Technical Pty. Ltd  
Australia** 




**HEMM training  
by GMMCO  
Engineers  
conducted at  
CETI, Barkakana  
with field visits**





**Special Drive to Sensitise Contractor Workers on Safety**



**Safety Drive on HEMM and Workshop was undertaken from 15.04.2024 to 27.04.2024**

**Safety Drive on Electrical Su-station**







**67<sup>th</sup> Annual Mines Safety Week 2024 was celebrated from 04.12.2024 to 13.12.2024**





**Joint mock rehearsal on  
Emergency Response  
organized jointly by CCL  
and NDRF**





## Safety Talk & Tool Box Safety Talk



# Personal Safety & Family Counselling of workers







**Display of  
Dramatized/  
animated safety video  
clips.**



**Mine Inspections &  
Safety Audits**





**LMV Management  
by providing  
separate road for  
light motor vehicles  
and introduction of  
high mast red flags**





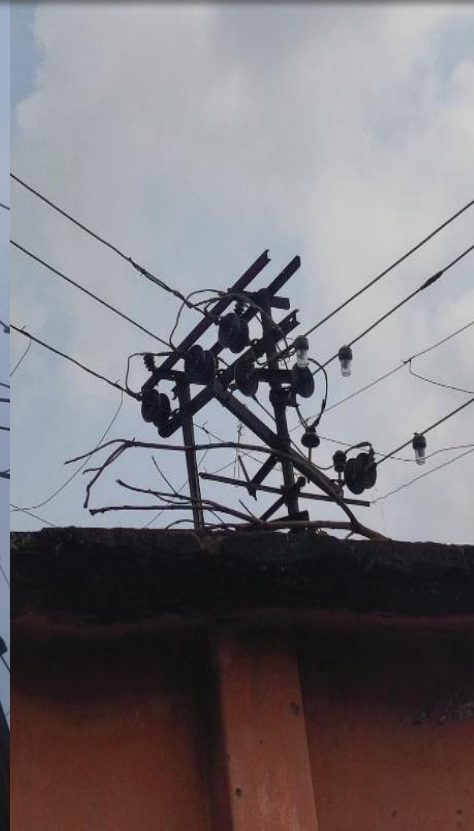


Implementation of some key learnings from the training at NPTI, Neyveli:

Passage Fault Indicator: 30 Nos installed at Jarangdih Feeder from regional substation Kathara to PO Office Jarangdih



Electrical engineers were trained in Electrical Safety in Mines at NPTI Neyveli Tamilnadu





Workshop on "Selection and Safe maintenance practice of HEMM" by Sri S. Ratnaker, DMS (Mech.) was held at CCL HQ on 12.04.2024

Workshop on "Occupational Safety, Health and Working Conditions Code, 2020" by Sri Aftab Ahmad, DMS (Mining), Ranchi Region was held on 6th May 2024 at CCL HQ



One day workshop on "Training for the Trainers" was organised by DGMS for Group VT Managers of CCL on 14.05.2024



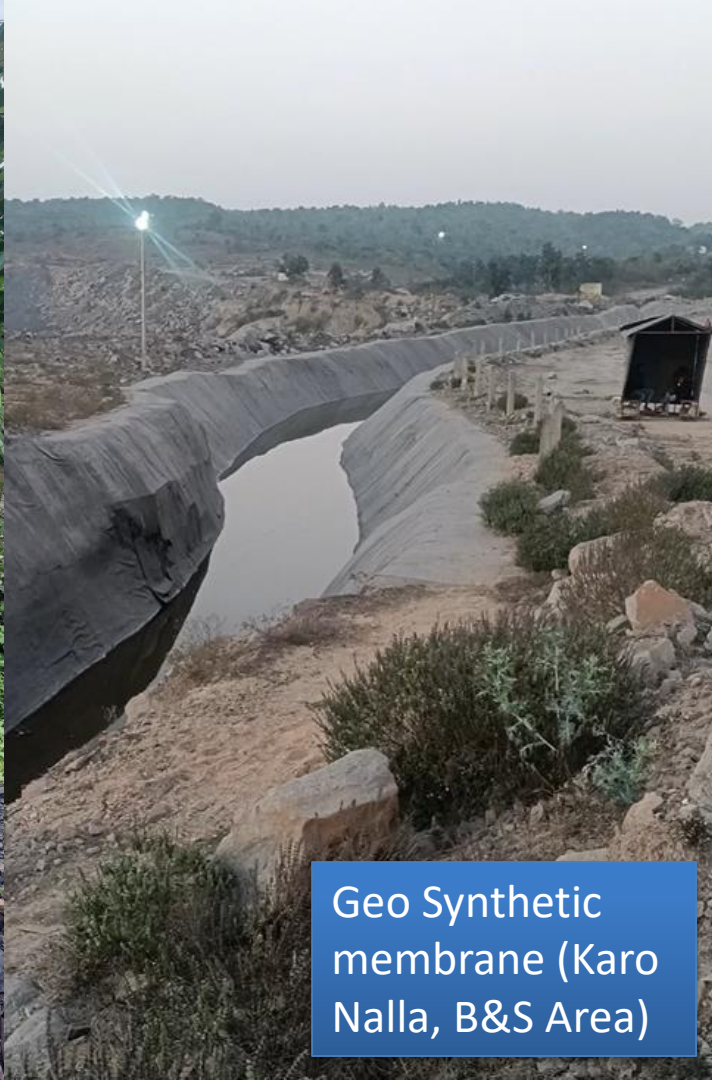


**Training on Multi-Dimensional Simulator at CETI, Barkakana. 192 HEMM operators trained in simulator in 2024 so far.**





Kurse Nalla, B-S  
Area



Geo Synthetic  
membrane (Karo  
Nalla, B&S Area)

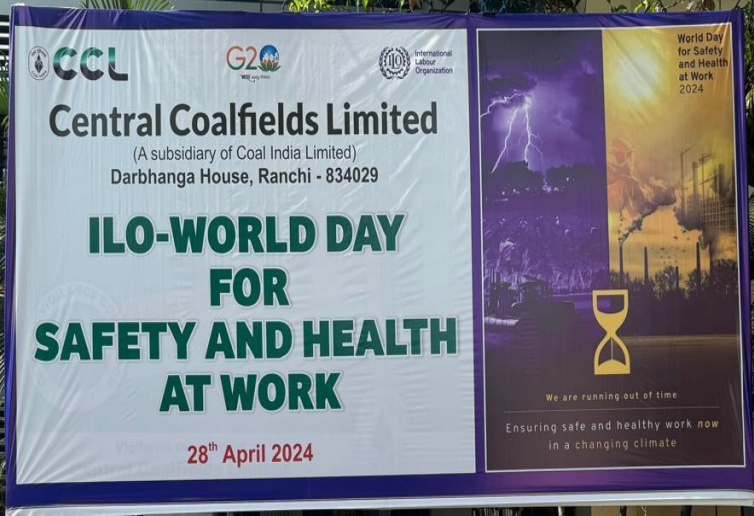
Monsoon  
Preparation  
Drive was  
taken  
vigorously  
by multiple  
teams





**Eye Refraction Test for HEMM operators at Magadh–Sanghmitra Area on 30.07.2024**





**ILO World Day  
for Safety and  
Health at  
Work was  
observed on  
28.04.2024**





Six days workshop on Operational part of Safety features of HEMM by M/S BEML held at CETI Barkakana from 03.06.2024 to 08.06.2024





**Safety Drive on Safety Committee Revitalization was undertaken from 24.06.2024 to 29.06.2024**

**Thank You**

