

No. CCSD-51013/08/2018-CCSD

**Government of India
Ministry of Coal
[MPS Section]**

Room No 622-A, Shastri Bhawan,
New Delhi, dated: 17th September, 2021

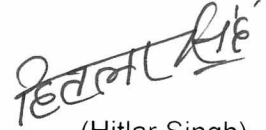
To,

**All the members of the Standing Committee on Safety in Coal Mines
(As per list):**

Subject: Revised minutes of the 46th meeting of the Standing Committee on Safety in Coal Mines held on 6th July, 2021 in New Delhi under the Chairmanship of Hon'ble Minister of Coal and Mines.

In supersession of this Ministry's letter of even number dated 02.08.2021 on the subject matter, I am directed to forward herewith a copy of revised minutes of the 46th meeting of the Standing Committee on Safety in Coal Mines held on 6th July, 2021 in New Delhi under the Chairmanship of Hon'ble Minister of Coal and Mines for and necessary action. The Action Taken Report on the various decisions taken in the meeting may be furnished to this Ministry at the earliest.

Enclosures- as stated.



(Hitlar Singh)

Under Secretary to Govt. of India
Tel: 23382269

Copy to:

1. PS to Hon'ble Minister of Parliamentary Affairs, Coal and Mines.
2. PSO to Secretary (Coal)
3. PPS to Additional Secretary (Coal)
4. PS to Project Adviser
5. PS to Director (Technical)
6. Technical Director, NIC, Ministry of Coal – with request to put this minutes on the website of this Ministry).

Distribution list

1. Chairman, Coal India Ltd., Coal Bhawan, Rajarhat, Kolkata-700156 2.
2. The CMD, NLCIL, P.O. Neyveli, Tamil Nadu
3. The CMD, Singareni Collieries Company Ltd., Kothagudem (Telangana)
4. Director, T CIL/ Director (P) CIL
5. CMDs of BCCL/ECL/CCL/SECL/WCL/MCL/NCL and CMPDI

List of union members

1. Shri K Lakshma Reddy, Incharge Coal, Bharatiya Mazdoor Sangh (BMS)
2. Sanjay Singh, President, Bhartiya Mazdoor Sangh (BMS)
3. Shri Nathulal Pandey, Hind Mazdoor Sabha (HMS)
4. Shri CJ Joseph, All India Trade Union Congress (AITUC)
5. Shri Manas Kumar Mukherjee, Centre of Indian Trade Unions(CITU).
6. Shri P.K.Singh, Coal Mines Officers' Association of India (CMOAI).
7. Shri RK Sharma, Indian Mines Managers' Association (IMMA)

Ministry of Labour & Employment/ DGMS

8. Shri Prabhat Kumar, DG, DGMS dg@dgms.gov.in
9. Shri Aftab Ahmed, Director, DGMS Northern Zone. nz.dgms@gmail.com

Private and Public Sector Coal Companies

- 10.Sasan Power Ltd. (subsidiary of PFC), H-Block 1st floor Dhirubhai Ambani Knowledge City, Navi Mumbai Navi Mumbai
400710 rpower.mcafiling@relianceada.com
- 11.Shri Gurdeep Singh, CMD, NTPC Ltd, NTPC Bhawan, SCOPE Complex, Institutional Area, Lodhi Road, New Delhi – 110003.
ntpccc@ntpc.co.in, usnandam@ntpc.co.in, akdash@ntpc.co.in
- 12.Shri Anil Kumar Chaudhary, Chairman, Steel Authority of India Ltd. Ispat Bhawan, Lodhi Road, New Delhi-
110003 chairman.sail@sailex.com, sailcro2015@gmail.com
- 13.Shri Santranu Basu, IAS, CMD, West Bengal Power Development Corp. Ltd, Bidyut Unnayan Bhaban, Plot No - 3/C, LA Block, Sector-III, Salt Lake City, Kolkata- 700098 ambarroy@wbpdcl.co.in
- 14.Shri Satish Pal, MD, Hindalco Industries Ltd, Aditya Birla Centre, 3rd Floor, 'B' Wing, S.K. Ahir Marg, Worli, Mumbai –
400030 shouvik.majumder@adityabirla.com
- 15.Shri Hemant Sharma, Chairman, Odisha Coal & Power Ltd, Zone-A, Ground Floor, Fortune Towers, Chandrasekharapur, hubaneswar-751023
kshirod.brahma@ocpl.org.in
- 16.Adani Power Limited, Shantigram, Near Vaishnodevi Circle, S G Highway, Ahmedabad-382421. Rajesh.Tiwari1@adani.in

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17. Shri Rakesh Kumar, CMD, NLC India Ltd, 1st Floor, No-8, Mayor Sathyamurthy Road, FSD, Egmore Complex of Food Corporation of India, Chetpat, Chennai - 600031 cmd@nlcindia.in, gmtalabira.nlc@gmail.com
18. Shri Sumit Ghosh, CEO, CESC Ltd, Cesc House, 4th Floor, Chowrangee Square, Near Esplante Metro Station, Kolkata-700001. jha.shashwat@gmail.com
18. Shri Ashis Saha, MD, The Durgapur Project Ltd, Dr B C Roy Avenue, Durgapur, West Bengal -713201 admin@dpl.net.in
19. Shri B.P. Mishra, MD, OCL Iron & Steel Ltd, Village: Lamloi, P.O. Garvana, Rajgangpur, Orissa - 770017 bp.misra@bsilindia.com
20. Shri Pranav Bhardwaj, MD, Sunflag Iron & Steel Company Ltd, 33, Mount Road, Sardar, Nagpur - 440001 skgupta@sunflagsteel.com
21. The CMD, Topworth Urja & Metals Ltd, 308, 3rd Floor, Ceejay House, Dr. Annie Besant Road, Worli, Mumbai -400018 anand.azami@topworthgroup.com
22. Shri Prabhakar Rao, CMD, Telangana State Power Generation Cooperation Ltd, Kalyan Nagar, Erragadda, Hyderabad, Telangana - 500045 ce.com@tsgenco.co.in
23. The CMD, Rajasthan Rajya Vidyut Utpadan Nigam Ltd, Vidyut Bhawan, Jyoti Nagar, Janpath, Jaipur - 302005. fuel.rvun@gmail.com
24. Shri Shivraj Singh, IAS (Retd), Chairman, Chhattisgarh State Power Generation Corporation Ltd, Ground Floor, Vidyut Sewa Bhawan, Dangania, Raipur, Chhattisgarh- 492013. cspgcl.coal@gmail.com
25. Shri S.K. Roongta, Chairman, Bharat Aluminum Company Ltd, Aluminium Sadan, Core-6, Scope Office Complex, Lodhi Road, New Delhi - 110003. north.aluminium@vedanta.co.in
26. Shri Ajay Kapur, MD, Ambuja Cements Ltd, Elegant Business Park, MIDC Cross Road 'B', Office Andheri Kurla Road, Andheri (East), Mumbai - 400059 kamlesh.sharma.ext@ambujacement.com
27. Shri Manoj Gaur, Chairman, Jaiprakash Power Venture Ltd, Complex of Jaypee Nigrie Super Thermal Power Plant, Tehsil Sarai, Nigrie, Singrauli, Madhya Pradesh - 486669 mn.jha@jalindia.co.in
28. Shri B.R. Nahar, MD, Reliance Cement Company Pvt. Ltd, 'H' Block, 1st Floor, Dhirubhai Ambani Knowledge City, Navi Mumbai - 400710. sandeep.jain@rc.birlacorp.com
29. Shri K.K. Maheshwari, MD, Ultra tech Cement Ltd, 'B' Wing, Ahura Centre, 2nd Floor, Mahakali Caves Road, Adheri (East), Mumbai-400009. syed.khadry@adityabirla.com



Revised Minutes of the 46th Meeting of the Standing Committee on Safety in Coal Mines under the Chairmanship of Hon'ble Minister of Coal held on 6th July, 2021 at New Delhi

The 46th meeting of the Standing Committee on Safety in Coal Mines was held on 6th July, 2021 in New Delhi under the Chairmanship of the Hon'ble Minister of Parliamentary Affairs, Coal & Mines Shri Pralhad Joshi. The list of participants is enclosed as Annexure.

2. After the National Anthem, the ceremonial light was lit by the Hon'ble Minister, Secretary (Coal) and members of the Standing Committee. Afterwards they paid homage with floral petal for those who laid down their lives for the cause of the Coal Industry since the last meeting of the Standing Committee on safety in coal mines and one-minute silence was also observed in memory of all departed souls.

3. Chairman of the Standing Committee on safety in Coal mines, Hon'ble Minister, Shri Pralhad Joshi in his inaugural speech welcomed all members and participants. He appreciated the role of all coal mine workers and executives, the "Brave Coal Warrior", during the second wave of Covid-19 pandemic to maintain normal day to day operations of mines. Coal companies were advised to ensure 100% adhere to all safety norms. Hon'ble Minister desired that all companies shall initiate appropriate steps for capacity building in mine through adoption of "Best Safety Practices". He opined that the safety standard of mine has improved significantly due to adoption of proactive measures like "Site specific risk assessment-based Safety Management Plans", which is prepared by using knowledge & expertise of trained employees of the respective coal mine. He further said that "Zero Accident" could be possible through synergy that generates thorough mutual cooperation between all stake-holders of mine safety. The following observations were made:

- i. Disaster Prevention: All mines should prepare a Principal Hazard Management Plan (PHMP) and develop sufficient infrastructure for "Emergency Response System" and take appropriate steps as per MOC's "Model Disaster Management Plan (DMP)" to build up resilience in disaster management systems as per guidelines of NDMA Act - 2005.
- ii. Adoption of Best and Modern Technology for ensuring safety in coal mining.
- iii. Strengthening Occupational Health Services.
- iv. Capacity building for Training and Skill Upgradation.
- v. Safety of Contractors' Workers
- vi. Enhance Safety awareness amongst all employees.

He invited for new practical ideas and applicable suggestions on improvement of health and safety standards from members.

4. **Confirmation of the minutes of 45th Meeting:** The minutes of the 45th meeting of the Standing Committee on Safety in Coal Mines held on 05.01.2021 at New Delhi was confirmed unanimously by members. In this context, Shri Peeyush Kumar, CM (M)/MOC, New Delhi informed that additional points as received from different Members have also been circulated as "Addendum" subsequently apart from original minutes of 45th Standing Committee meeting.

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5. **Discussion on ATR:** Shri Peeyush Kumar, MoC made a power point presentation (PPT) highlighting the performance on Mine Safety in the year 2021 (since last meeting), Action Taken Report (ATR) of subsidiaries against suggestions & recommendations of the 45th Standing Committee meeting, major achievements on Mine safety and occupational health services including measures being taken to fight against COVID-19 pandemic.

6. Thereafter, followings points were highlighted by Hon'ble members of the Standing Committee on safety in coal mines during deliberation:

6.1 Ramification of Climate change on Coal Mining: Shri K Lakshma Reddy, Hon'ble Member, Rep. BMS pointed out that some western **industrialised** and developed nations, who have harmed the environment tremendously over the past 200 years, are now forcing coal-based power producer companies of developing countries including India to close down. Given the poverty, unemployment and development strategy, he desired that the Government of India should not bow to such pressure. Shri Reddy (BMS) also opposed the proposal of CIL to reduce manpower by 5% every year, as it would aggravate the unemployment problem.

6.2 Fight against Covid-19 pandemic:

- Shri K. Lakshma Reddy (BMS) observed that CIL management didn't take adequate steps to get all employees vaccinated, whereas SCCL took initiative, though belatedly, to organise mega vaccination camps for employees. He further added that the managements of CIL, SCCL and NLCIL did not respond to the suggestion made by BMS that the medicines, suggested by Ayush Ministry for Covid treatment, be supplied to the employees. He also demanded that 15 special casual leaves be granted to all Covid infected permanent and contract employees.
- Shri Nathulal Pandey, Hon'ble Member, Rep. HMS desired the compensation amount in case of death of coal employees due to covid- 19 may be enhanced to Rs 25 Lakhs in place of Rs 15 Lakhs keeping in view of contribution of employees during covid-19 pandemic.
- Shri Manas Kumar Mukherjee, Hon'ble Member, Rep. CITU desired that compensation should be given to the dependent(s) of contractual workers who died due to covid-19 in SCCL & NLCIL. He further stated that Coal workers should be treated as Covid warrior and the hundred percent inoculations to be done on priority basis.
- Hon'ble Minister directed SCCL to extend ex-gratia for Covid deaths to contractor workers also. He also told Chairman CIL to take all possible steps to ensure Covid vaccination of all CIL employees.

6.3 Meeting of JBCCI constituted for NCWA-11: Shri K. Lakshma Reddy (BMS) stated that CIL management took much time to constitute JBCCI, though MoC had given consent much earlier. Hence physical meeting of JBCCI be convened at early date.

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6.4 Enhancement of Pension to retired Coal Employees: Shri K. Lakshma Reddy (BMS) stated that thousands of retired Coal employees are getting a meagre pension of less than Rs.1,000 per month and they are facing lot of financial hardships at old age. Hence the Govt should enhance it and ensure reasonable guaranteed minimum pension.

6.5 Maintenance and repairing of company quarters: Shri Sanjay Kumar Singh, Hon'ble Member, Rep. BMS desired that standard of repairing of colony should be improved and more greenery for residential colony.

6.6 Medical Personnel:

- Shri Sanjay Kumar Singh suggested that specialist doctors may be appointed by subsidiaries to fill up shortages of doctors.
- Shri Nathulal Pandey desired that recruitment of doctors in SECL should be proportionate to shortages of doctors.
- Hon'ble Minister said that retention of doctors in rural areas is a universal problem in India. Further, he advised CIL to do a realistic assessment of actual requirements of doctors.
- Secretary (Coal) suggested that CIL may provide a better package to the doctors similar to the norms of National Health Mission to enhance retention of doctors at mines.
- Addl. Secretary (coal) suggested that coal companies shall explore the feasibility of using Tele-Medicine Consultation facilities in association with the best Hospitals of India.

6.7 Medical Infrastructure:

- Shri Nathulal Pandey desired that in-house hospitals of coal companies should be well-equipped. All requisite medical instruments should be provided as per requirement along with skilled & trained manpower to operate them.
- Shri C J Joseph desired that infrastructure for Occupational Health services at WCL should be improved.
- Shri Manas Mukherjee desired that at NLCL ambulance service should be provided exclusively for mine and immediate measures to be taken up by the coal companies including NLCIL for providing doctor and paramedical staff in the First Aid Centres.
- Shri P K Singh, Hon'ble Member, Rep. CMOAI requested that availability of Air Ambulance may be improved.
- Hon'ble Minister desired that all coal companies should equip their hospitals with medical equipment if technicians and specialists for it are available.

6.8 Statutory manpower:

- Shri Sanjay Kumar Singh desired restoration of present norms of 40% for departmental candidates, which is reduced to 35%. Further, he desired that the age limit should be enhanced from 30 to 35 years for new recruitment considering delay in recruitment process due to Covid- 19 pandemic.
- Shri Manas Mukherjee desired that CIL should assess the requirement of statutory manpower keeping in view projected 1 BT production by 2023-24 and steps should be taken to fulfil the requirement. He suggested that all departmental candidates having DGMS competency certificates should be

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promoted. He also desired that one time age-relaxation may be extended to all candidates to fill up shortages of various statutory manpower. He further stated that those who have acquired qualification and cleared the examination and is retained for more than five years may be placed to the appropriate post and grade w.e.f the date of passing out of examination, pending which two increments may be given. Those diploma holders having at least ten years of experience may be considered at par with the degree holders for the purpose of promotions.

- DT, CIL informed that for departmental candidates, there is no age bar / restriction for appointment on promotion.

6.9 Implementation of SMP/SOP/COP and provision of mock rehearsals:

- Shri Sanjay Kumar Singh desired that SMPs, SOPs and COPs framed as per statute should be implemented and mock rehearsal should be conducted at regular intervals seriously.
- Shri Manas Mukherjee suggested that SMP and SOPs should be translated in local language for better compliance.

6.10 OC Mine Safety:

- Shri Manas Mukherjee suggested that preservation of excavated topsoil of OC mine should be done properly. He also desired that the dumper operator's cabin should be AC.
- Shri R K Sharma desired that a proper boundary should be provided in all OC mines to prevent unauthorised entry of persons inside OC mine.
- Shri P K Singh desired that 360 degree view camera should be provided to dumper so that all objects at blind spots are properly seen by the operator.

6.11 OB Dump Monitoring:

- Shri C J Joseph desired that monitoring of OB dump should be done properly.
- Shri Sanjay Kumar Singh desired that procurement of "Slope Stability Radar" may be expedited. He also requested the ministry to help CIL in obtaining necessary exemption for importing such advanced technology from abroad through the GTE process.
- Shri Manas Mukherjee desired that information about steps being taken for OB dump monitoring in NLCL should be given in ATR. He suggested that proper afforestation should be done for stabilization of OB dumps wherever applicable.
- Shri P K Singh suggested that seed balls should be spread over OB dumps before monsoon so that OB dumps are covered with grasses and make OB dump more stable.

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6.12 Utilization of Safety Budget:

- Shri Sanjay Kumar Singh desired that the safety budget should be fully utilized. He said that shortage of small safety equipment / gadgets is profoundly impacting safety and production.
- Shri C J Joseph pointed out that due to Vender War / complaints by rival bidders of safety items, the utilization of safety budget under the capital head is inadequate. He also said many advanced safety items are not available in GeM Portal.
- Shri Manas Mukherjee desired that all private coal companies should provide budget figures along with utilisation for mine safety.

6.13 Quality of Gumboot:

- Shri Sanjay Kumar Singh said that bad quality gumboot is provided at mines and he demanded that "Duck-back" / other branded gumboot conforming to BIS standards may be provided to workers. The Secretary (coal) advised that only good quality gumboot should be provided.
- Shri Nathulal Pandey said that the culture of awarding tender to L-1 party is the root cause of bad quality of safety gadgets and he desired that exemption may be sought from the concerned ministry in this context so that best quality safety items are procured.

6.14 Contractor workers safety:

- Shri C J Joseph desired safety conditions should be improved contractual patches particularly at sub-contracted outsourced patches.
- Shri Manas Mukherjee desired that safety of contractor workers should be ensured and contractor workmen may be covered under a specially designed medical scheme like ESI. If required, legislation to this effect may be made by the concerned ministry.
- Shri R K Sharma, Hon'ble Member, Rep. IMMA desired that all tippers plying at all contractual OC patches should be provided Proximity Warning Device (PWD).
- Shri P K Singh desired that all contractors and contractors' employees should be made accountable for ensuring safety in contractual jobs.

6.15 Customization of Left Hand Drive Dumpers:

- Shri C J Joseph desired that the use of "Left-hand Drive" Dumpers should be reviewed as per the existing "Traffic Rules" in Mines.
- DT, CIL informed that all Tippers & Dumpers are off-the road vehicles that operate within mine boundaries and even in Indian Army also use the same left-hand drive trucks that are manufactured by BEML (PSU under MOD). The subject matter is related to "Technology Transfer".
- The Hon'ble Minister directed that the issue may be discussed with indigenous Tippers & Dumpers manufacturers.

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6.16 Training to workers:

- Shri Sanjay Kumar Singh suggested that vocational training may be provided through local language. He also emphasized on imparting Simulator based training to HEMM operators.
- **Rescue Training to UG Contractors manpower:** Shri R K Sharma desired that rescue training may be imparted to UG contractors' workers.

6.17 Underground Mines:

- Shri Sanjay Kumar Singh desired that proper technology and mining method should be used for extraction of coals from UG mines having more than 120m depth.
- Shri Manas Mukherjee desired that accuracy of UG Mine Plan should be ensured.

6.18 National Safety Conference Recommendations:

- Shri C J Joseph suggested that recommendations of National Safety Conference (NSC) on mine safety shall be put up as an Agenda Point for threadbare discussion on how to implement it.
- **Application Information Technology (IT) in mine safety:** Shri Manas Mukherjee desired that coal companies should take appropriate measures to adopt IT-enabled non-editable programming format for marking attendance at mine & training centres and the same should be linked or stored with the central server / database as per recommendation of 12th NSC.
- Shri Manas Kumar Mukherjee, (CITU) has stated that Pneumoconiosis detection and treatment protocol as recommended by ILO should be followed.

6.19 Status of near miss, Reportable and Minor incidents: Shri Sanjay Kumar Singh desired that company-wise Statistics of Reportable Injuries, Minor Injuries and Near-misses should be provided with Agenda Notes.

6.20 Inspection of private mines by members of Standing Committee: Shri Nathulal Pandey suggested that all private mines should be inspected by the members of Standing Committee at interval to assess safety status therein.

6.21 Dust problem: Shri Sanjay Kumar Singh desired that belt conveyors should be used in place coal transport by tippers. He also desired that Green Belt Channel, Smog Tower/Fog tower may be installed to control dust problems in all open quarries and CHPs.

6.22 Man Riding System: Shri Sanjay Kumar Singh desired that Man Riding System should be provided below ground mines having long travel distance.

6.23 Delay in conducting CIL Safety Board Meeting: Shri K. Lakshma Reddy (BMS) observed that regular company level including CIL Safety Board meetings are not being held. He further said that welfare of employees is being neglected, as the posts of regular Director (P) have remained vacant since long in CIL, some subsidiaries and SCCL. He also underlined the need for recruiting adequate doctors and para-medical staff in hospital. Hon'ble Minister desired that CIL level Safety Committee meetings should be organized by VC, if not possible physically, and also asked TUs to cooperate for such arrangement.

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6.24 R&D Projects: Shri C J Joseph desired that funds allocated for R&D should be used properly.

6.25 Parallel Police Enquiry: Shri R K Sharma pointed out that several competent mine officials are suffering due to parallel police action / enquiries. He desired that MOC should take the matter to the Home Ministry for appropriate guidelines / instruction to all concerned coal producing states in order to stop harassment of mine managers and other mine officials by parallel police enquiries. In response, it was informed that Ministry of Coal has already taken up this matter with Ministry of Home Affairs and MHA has to take final decision in this matter.

6.27 Achieving Zero fatality in mines: Shri P K Singh desired that GM (Safety) should visit accident sites and make practical suggestions to prevent recurrence of mine accidents.

7. Shri Prabhat Kumar, DG, DGMS has pointed out the followings in his speech:

- **Conventional Safety System:** He desired that the existing conventional system for mine safety should be ensured. He also suggested that safety infrastructure should be improved for further reduction in fatality rate in mines.
- **Implementation of SMP:** He said that SMPs have been prepared for all mines but implementation standards should improve. He desired that the working culture should be changed for its adoption.
- **Implementation 12th NSC recommendations:** He said that some of the recommendations of 12th NSC need more technical knowledge and competence in implementation, for which the existing workforce will have to be trained adequately. This is very much required to boost the safety standard of the coal industry. All concerned stakeholders should take necessary steps in this direction.

8. Shri Anil Kumar Jain, Secretary (Coal), while summing up the proceedings of the meeting, said that the Standing Committee on safety in coal mines is the most important forum for providing the much-desired third-party independent feedback on actual status of mine safety. He further said that MOC always looks forward to practical suggestions and innovative new ideas from members of the Committee. He assured members that projected 1 BT coal production would be achieved by adhering to all safety provisions. He suggested that in between meetings there should be more interaction and consultation amongst members of the Standing Committee with CMDs/ Directors of coal companies. He said that the top level of Company's Management as well as ministry are committed to support and promote mine safety.

9. Hon'ble Minister Shri Pralhad Joshi in his concluding remark assured that the meeting of Standing Committee on safety in coal mines shall be held twice in a year. He said that doable and practical suggestions from members are always welcomed.

10. Meeting ended with a vote of thanks to the Chair and participants by Shri B P Pati, JS, MOC, GOI.

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Annexure

List of the participants of the 46th meeting of Standing Committee on Safety in Coal Mines held at 11.00 AM on 6th July, 2021 in New Delhi.

MINISTRY OF COAL		
1.	Hon'ble Minister of Parliamentary Affairs, Coal and Mines	Chairman
2.	Shri Anil Kumar Jain	Secretary
3.	Shri Vinod Kumar Tiwari	Additional Secretary,
4.	Shri B.P. Pati	Jt. Secretary/ Project Adviser
5.	Shri. Peeyush Kumar	Chief Manager
6.	Shri Hitler Singh	Under Secretary
7.	Shri Ashish Verma	Sr Manager, CMPDI
MINISTRY OF LABOUR & EMPLOYMENT/ DGMS		
8	Shri Prabhat Kumar	DG, DGMS
9	Shri Aftab Ahmed	Director, DGMS
TRADE UNION REPRESENTATIVES		
10	Shri K. Lakshma Reddy	BMS
11	Shri Sanjay Singh	BMS
12.	Shri Nathulal Pandey	HMS
13.	Shri C. Joseph	AITUC
14.	Shri M.K. Mukherjee	CITU
15.	Shri P.K. Singh	CMOAI
16.	Shri R.K. Sharma	IMMA
COAL INDIA LIMITED		
17.	Shri Pramod Agrawal	Chairman, CIL
18.	Shri. Binay Dayal	D(T), CIL
19.	Shri. P.K. Sinha	CMD, NCL/MCL
20.	Shri. Prem Sagar Mishra	CMD, ECL
21.	Shri. Manoj Kumar	CMD, WCL
22.	Shri. P.M. Prasad	CMD, CCL
23.	Shri O.P. Singh	D(T), MCL
24.	Shri Chanchal Goswami	Dt.(Op), BCCL
25.	Shri. R.N. Jha	D(T), CMPDI
26.	Shri. Manoj Kumar Prasad	Dt.(OP), SECL
27.	Shri. Satendre. N. Tiwari	Dir(P&IR), CIL
28.	Shri. Rakesh Kumar	CMD, NLCIL
29.	Shri. Prabhakar Chowki	Director (M), NLCIL
30.	Shri. S. Chandrashekher	D(T) Cop. SCCL
31.	Shri. Narayan Das	ED (S&R), CIL

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CAPTIVE COAL COMPANIES

32.	Shri. C.K. Mandal	Dir. (Commercial), NTPC
32.	Shri A.K. Agrawal	Director, FUEL
33.	Shri. Bhupendra Singh Chaudhary	Add. VP (Mines), Birlacorp
34.	Shri. Pawan Kumar	Sr. Manager-CA, SUNFLAG
35.	Shri. Sudhir Singh	GM, Safety, Reliance
36.	Shri S.N, Chawla	Manager, Coal Project, JAL India
37.	Shri. Anupam Bagchi	Head, Hindalco, Adityabirla
38	Shri. Priyant Kumar	Magager/Mines WBPDCCL
39.	DR. T.R.K. Rao	Director (C&F), GENCO, Telangana
40.	Shri. Niranjana Das	Adviser(Coal), CSPGCL, Raipur

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