

**No. CCSD-51013/08/2018-CCSD  
Government of India  
Ministry of Coal**

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Room No 622-A, Shastri Bhawan,  
New Delhi, dated: 23<sup>rd</sup> January 2021

To,

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

Subject: **Minutes of the 45th meeting of the Standing Committee on Safety in Coal Mines held on 5<sup>th</sup> January, 2021 in New Delhi under the Chairmanship of Hon'ble Minister of Parliamentary Affairs, Coal and Mines.**

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I am directed to forward herewith a copy of minutes of the 45th meeting of the Standing Committee on Safety in Coal Mines held on 5<sup>th</sup> January, 2021 in New Delhi under the Chairmanship of Hon'ble Minister of Parliamentary Affairs, 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.

Sd/-  
(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 (Requested to put this minutes on the website of this Ministry).

## Distribution list

1. Chairman, Coal India Ltd., Coal Bhawan, Rajarhat, Kolkata-700156
2. The CMD, NLCIL, P.O. Neyveli, Tamil Nadu
3. The CMD, Singareni Collieries Company Ltd., Kothagudem Collieries, Khamam Distt (A.P.)
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 Koyla Khadan Dalit 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 N Gopalkrishnan, 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 S D Chiddarwar, DDG, DGMS Northern Zone. nz.dgms@gmail.com

**PRIVATE AND PUBLIC SECTOR COAL COMPANIES**

1	Sasan Power Ltd. (subsidiary of PFC), H-Block 1st floor Dhirubhai Ambani Knowledge City, Navi Mumbai Navi Mumbai MH 400710 IN rpower.mcafilling@relianceada.com
2	Shri Gurdeep Singh, Chairman-cum Managing Director, 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
3	Shri Anil Kumar Chaudhary, Chairman, Steel Authority of India Ltd. Ispat Bhawan, Lodhi Road, New Delhi- 110003 chairman.sail@sail.com / sailcro2015@gmail.com
4	Shri Santranu Basu, IAS, Chairman-cum Managing Director, 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
5	Shri Satish Pal, Managing Director, Hindalco Industries Ltd, Aditya Birla Centre, 3rd Floor, 'B' Wing, S.K. Ahir Marg, Worli, Mumbai – 400030 shouvik.majumder@adityabirla.com
6	Shri Hemant Sharma, Chairman, Odisha Coal & Power Ltd, Zone-A, Ground Floor, Fortune Towers, Chandrasekharapur, Bhubaneswar - 751023 kshirod.brahma@ocpl.org.in
7	Adani Power Limited , Shantigram, Near Vaishnodevi Circle, S G Highway, Ahmedabad-382421, Gujarat, India. Rajesh.Tiwari1@adani.in

8	Shri Rakesh Kumar, Chairman-cum Managing Director, 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
9	Shri Sumit Ghosh, Chief Executive Officer, CESC Ltd, Cesc House, 4th Floor, Chowranghee Square, Near Esplante Metro Station, Kolkata - 700001 jha.shashwat@gmail.com
10	Shri Ashis Saha, Managing Director, The Durgapur Project Ltd, Dr B C Roy Avenue, Durgapur, West Bengal -713201 admin@dpl.net.in
11	Shri B.P. Mishra, Managing Director, OCL Iron & Steel Ltd, Village: Lamloi, P.O. Garvana, Rajgangpur, Orissa - 770017 bp.misra@bsilindia.com
12	Shri Pranav Bhardwaj, Managing Director, Sunflag Iron & Steel Company Ltd, 33, Mount Road, Sardar, Nagpur - 440001 skgupta@sunflagsteel.com
13	The Chairman-cum Managing Director, Topworth Urja & Metals Ltd, 308, 3rd Floor, Ceejay House, Dr. Annie Besant Road, Worli, Mumbai - 400018 anand.azami@topworthgroup.com
14	Shri Prabhakar Rao, Chairman cum Managing Director, Telangana State Power Generation Cooperation Ltd, Kalyan Nagar, Erragadda, Hyderabad, Telangana - 500045 ce.com@tsgenco.co.in
15	The Chairman & Managing Director, Rajasthan Rajya Vidyut Utpadan Nigam Ltd, Vidyut Bhawan, Jyoti Nagar, Janpath, Jaipur – 302005 fuel.rvun@gmail.com
16	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
17	Shri S.K. Roongta, Chairman, Bharat Aluminium Company Ltd, Aluminium Sadan, Core-6, Scope Office Complex, Lodhi Road, New Delhi - 110003 north.aluminium@vedanta.co.in
18	Shri Ajay Kapur, Managing Director, Ambuja Cements Ltd, Elegant Business Park, MIDC Cross Road 'B', Office Andheri Kurla Road, Andheri (East), Mumbai - 400059 kamlesh.sharma.ext@ambujacement.com
19	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
20	Shri B.R. Nahar, Managing Director, Reliance Cement Company Pvt. Ltd, 'H' Block, 1st Floor, Dhirubhai Ambani Knowledge City, Navi Mumbai, Maharashtra - 400710 sandeep.jain@rc.birlacorp.com
21	Shri K.K. Maheshwari, Managing Director, Ultra tech Cement Ltd, 'B' Wing, Ahura Centre, 2nd Floor, Mahakali Caves Road, Adheri (East), Mumbai- 400009 syed.khadry@adityabirla.com

**Minutes of the 45<sup>th</sup> Meeting of the Standing Committee on Safety in Coal Mines under the Chairmanship of Hon'ble Minister of Coal held on 5<sup>th</sup> January, 2021**

45<sup>th</sup> meeting of the Standing Committee on Safety in Coal Mines was held on 5<sup>th</sup> January, 2021 in New Delhi under the Chairmanship of Shri Pralhad Joshi, Hon'ble Minister of Coal, Mines & Parliamentary Affairs, Government of India.

1. The list of participants is enclosed as Annexure.
2. After the National Anthem, Hon'ble Minister, Secretary (Coal) and all members paid homage with floral petal to those brave miners who laid down their lives for the cause of Coal Industry since the last meeting of the Standing Committee on safety in coal mines. Thereafter, one-minute silence was observed in memory of all departed souls.
3. At the outset, Shri B P Pati, Joint Secretary (Coal) / Advisor (Projects), MOC welcomed all members and participants to the 45<sup>th</sup> meeting of Standing Committee on safety in coal mines. In his welcome speech he highlighted the journey and contribution of the Standing Committee on safety in Coal mines in the last 38 years.
4. Hon'ble Minister in his speech welcomed all the members and other participants and wished them a very happy New Year. He highlighted the followings:
  - 4.1 Safety is of topmost priority for sustaining growth in coal sector.
  - 4.2 The efforts of all employees of coal sector during lock-down arising out of COVID-19 pandemic are commendable. Due to whole-hearted efforts of all stakeholders, coal productions and dispatches were continued unabated. No power plant of the country has struggled due to shortages of coal.
  - 4.3 Despite India having one of the largest reserves of coal in the world; we remain one of the largest importers of coal. We need to increase coal production in the country. Keeping this in mind, CIL has been given coal production target of 1BT by Yr. 2023-24 and for this cooperation from all is required. He further assured that no compromise on human safety shall be done while achieving this coal production target.
  - 4.4 Appropriate preventive safety measures should be ensured to achieve zero accident mines; similar to Civil Aviation Industry.
  - 4.5 Regular meeting with Trade Union (Workers) representatives should be held to garner the wealth of their vast experiences and grass root connection for improving health and safety standards of our coal mines.
  - 4.6 Infrastructure in Occupational Health Sector needs to be strengthened as sustainability and continuity are important for coal industry as energy sector is heavily dependent on coal at present. Economy is dependent on coal at present. So safety and production needs to be balanced. If any new technology comes to the notice of anyone, suggestions in this regard are invited and that will be implemented taking full safety measures. Efforts are required to strengthening CIL and other coal producing companies so that import of substitutable coal can be avoided.

5. **Confirmation of the minutes of 44<sup>th</sup> Meeting:** The minutes of the 44<sup>th</sup> meeting of the Standing Committee on Safety in Coal Mines held on 12.02.2020 at New Delhi was confirmed unanimously by members. In this context, Shri Peeyush Kumar, MOC informed that the minutes of the meeting was circulated to all members however, no comments were received from any member.
6. A power point presentation (PPT) was made by Shri Peeyush Kumar, Ministry of Coal, highlighting the performance on mine safety in the year 2020, action taken against the suggestions & recommendations of the 44<sup>th</sup> Standing Committee meeting and major achievements on health and mine safety by different coal producing companies as well as by MoC.
7. Thereafter, followings points were highlighted by Hon'ble members of the Standing Committee on safety in coal mines during deliberation:
8. **Maintenance and repairing of company quarters:**
  - 8.1 Shri Sanjay Kumar Singh, Hon'ble Member, Rep. BMS said that condition of residential quarters require proper repairing but only 25% quarters have actually been repaired in SECL.

#### 9. Payment of ex-gratia amount of Rs 15 due to COVID-19

- 9.1 Shri K Lakshma Reddy, Hon'ble Member, Rep. BMS and Shri Nathulal Pandey, Hon'ble Member, Rep. HMS appreciated initiatives of Hon'ble Minister and CIL for the payment of ex-gratia amount of Rs 15 Lakhs to the next of kin employees including contractor's workers who succumbed due to COVID-19.
- 9.2 Shri Nathulal Pandey desired that the ex-gratia amount may be enhanced considering the contribution made by employees during lock down period.
- 9.3 Shri N Gopal Krishnan, Hon'ble Member, Rep. CMOAI desired that coal companies may formulate "Kavach Scheme" in with ONGC for financing the treatment of Covid-19 infected employees and also consider to provide group insurance for further protection.

**Action: All coal companies**

#### 10. Utilization of Safety Budget:

- 10.1 Shri Sanjay Kumar Singh desired that suitable DOP may be given to the Area General Managers for procurement of urgently required safety items at Area level. This will expedite procurement and in turn safety will be enhanced. He further desired that Proximity Warning Device (PWD) should be provided in all dumpers and misfire identification apparatus may be provided for UG mines.

**Action: All coal companies**

- 10.2 Chairman, CIL informed the house that the DoPs of Area GMs revised recently.

### 11. Strata Control Management:

- 11.1 Shri Sanjay Kumar Singh desired that functioning of Strata Control cell and testing mechanism for roof bolts should be improved.

**Action: All Coal Companies**

### 12. Safety issues related to fly ash dumping in OC mines

- 12.1 Shri C J Joseph, Hon'ble Member, Rep. AITUC suggested that abandoned OC mines should be converted into a water reservoir following the vision of Hon'ble Prime Minister under "JAL BACHAO JAL BHARAO" rather than filling them with fly ash.

**Action: All Coal companies**

### 13. Medical Infrastructures:

- 13.1 Digital X-ray machine:** Shri C J Joseph said that radiation level of digital X-ray machine is far lower than conventional 300 mA or 500 mA X-ray machine and thus, it is much safer. He desired that all conventional 300 mA or 500 mA X-ray machines should be replaced with digital X-ray machine in phased manner.

**Action: All coal companies**

- 13.2 Ambulances:** Shri C J Joseph said that existing ambulances are basically patient carrying vehicles. He desired that all such ambulances should be phased out with BLS or ALS type ambulances.

**Action: All coal companies**

### 14. Medical personnel:

- 14.1 Appointment of doctors:** Shri Nathulal Pandey pointed out that there is shortage of doctors and substantial amount is being incurred for treatment in referral hospitals. He desired that the power of appointment of doctors can be delegated to subsidiary companies. He further desired that remuneration of doctors appointed after retirement should be increased.
- 14.2** Chairman, CIL informed the house that subsidiaries have been delegated the power to appoint doctors and appointment of doctors after retirement from service of CIL as "Advisors". Since, the Chairman, CIL is the sole appointment authority for executive, the approval is needed from CIL.
- 14.3 Appointment of Ayurvedic Doctors:** Shri K Lakshma Reddy and Shri Nathulal Pandey opined that some diseases are best treated through Ayurveda, therefore, coal companies may consider to appoint some Ayurvedic Doctors, if deemed fit.

**Action: All coal companies**

- 14.4** Shri K Lakshma Reddy further pointed out that in several instances Injury on Duty (IOD) has not been granted to injured employees. Minister (Coal) desired that specific case, if any, may be brought to the notice of the concerned CMD.

### 15. OB dump monitoring system:

- 15.1 Shri C J Joseph desired that for monitoring of OB dump, need based slope stability radar should be procured.
- 15.2 Shri N Gopal Krishnan desired that use of drones may be explored in OC mines for monitoring OB dump safety. He further desired that Slope Stability Radars should be procured for OB dump and slope monitoring as per requirement. Hon'ble Minister (Coal) directed to furnish the present status of procurement of Slope Stability Radar.

**Action: CIL**

- 15.3 DT, CIL informed that subsidiaries have been delegated to procure Slope Stability Radar as per requirement. He further informed that the said item is now available in the Government Electronic Marketplace (GeM) portal. He said that other OB dump & Slope monitoring devices such as Lidar, 3D Laser Scanner, etc. are also available.

### 16. Dust problem in residential colonies and mines:

- 16.1 Shri Sanjay Kumar Singh suggested that green belt channel may be formed to eliminate / reduce dust related problems in residential colonies and mines.

**Action: All coal companies**

### 17. Occupational Safety, Health and Working Conditions (OSHWC) Code, 2020:

- 17.1 Shri Sanjay Kumar Singh pointed out that in the OSHWC Code-2020 there are no provisions for workers participants in safety management. It would seriously jeopardize standard of mine safety. As per the said code, ambulance room is required for only those mines having 500 or more nos of employees. He demanded that this shall be suitably modified.
- 17.2 Shri C J Joseph emphasized that coal mines are special industry, where we are moving from known to unknown hazards as we progress in mines. He, therefore, requested that the Mines Act and the Rules and Regulation framed thereunder should remain separate entity rather than generalised form as prescribed in the OSHWC-Code 2020.

**Action: DGMS**

### 18. Amendment of Mine Rescue Rules (MRR) - 1985:

- 18.1 Shri C J Joseph pointed out that major drawback of the existing MRR-1985, which does not have any provision for dealing with emergency situations in OC mines. He desired that DGMS should take initiative to amend of the existing MRR-1985.

**Action: DGMS**

### 19. Status of Statutory Manpower:

- 19.1 Shri Nathulal Pandey pointed out that shortage of competent statutory manpower in coal mines are due to delay in conducting statutory examination by DGMS. He desired that DGMS should conduct regular tests for competency certificate.
- 19.2 DG, DGMS informed the house that all statutory examinations for 2021 would be completed by February, 2021 and there will be no backlog after that.
- 19.3 Shri Sanjay Kumar Singh said that there is shortage of frontline supervisory staffs. He desired that one-time promotion may be given to all employees having DGMS competency certificates.

**Action: Coal Companies**

- 19.4 Shri C J Joseph said that there are huge shortages of competent persons, other than competent statutory supervisory staffs, in most of coal mines. He desired that shortages should be analysed in light of actual requirement of new Coal Mine Regulation – 2017 and arrived vacancies be filled up expeditiously.

**Action: Coal companies**

### 20. Ratification of recommendations of ILO- 176:

- 20.1 Shri Manas Mukherjee, Hon'ble Member, Rep. CITU desired that the Govt. of India should ratify the recommendations of ILO-176 for ensuring protection of worker's occupational health and safety. He further requested that GOI should convene a separate meeting involving all stakeholders for threadbare discussion on ramifications of ratifying ILO-176 recommendations.

**Action: MoLE/ DGMS**

### 21. Safety Management Plan (SMP):

- 21.1 Shri Sanjay Kumar Singh desired that SMP should be simplified. One Nodal Officer should be appointed in each Area for co-ordinating preparation and implementation of SMP in mines.
- 21.2 He further desired that informal risk assessment tool "TAKE-5" and DGMS's 10 points "Safety Pledge" should be used widely in mines for increasing safety awareness.

**Action: Coal companies**

### 22. Training on Mine Safety:

- 22.1 Cadre-based training:** Shri Sanjay Kumar Singh desired that cadre-based training should be imparted to all employees.
- 22.2 Training & skill up-gradation of contractor workers safety:** Shri C J Joseph said that contractor's workers are more vulnerable. Their operating skills and awareness level should be enhanced through imparting of proper training.

- 22.3 Training by SIMTARS, Australia Accredited Trainers:** Shri Sanjay Kumar Singh said that huge cost was incurred by CIL to train executives on “Risk Management” in Australia. But only some SIMTARS trained executives are actually being imparting training currently. He desired that all SIMTARS trained executives should be deployed in safety and imparting training to employees.

**Action: All coal companies**

**23. Study on effect of diesel particulate matter (DPM) in the ambient mine environment:**

- 23.1** Shri C J Joseph pointed out that DPM is far more polluting than coal dust and may affect health of employees of OC mines. NEERI, Nagpur conducted a study at one WCL’s OC mine to find out the adverse health effects due to more use of diesel vehicle in OC mines. At present, there is no specific standard for DPM in India and more study is required.

**Action: Coal companies**

**24. Parallel enquiry by Police in case of mining accident:**

- 24.1** Shri R K Sharma, Hon’ble member, IMM pointed out that after any fatal accident Local Police unduly harasses the Mine Manager and other mine officials. He desired that matter may be taken up at appropriate level.
- 24.2** Shri N Gopal Krishnan said that 90% of mine accidents have occurred due to unsafe acts. All fatal accidents are being investigated by three different agencies such as ISO, DGMS and Local Police. Enquiry of mine accident requires special knowledge and understanding about coal mine operations and Police does not have the requisite knowledge. He desired that the Ministry of Home Affairs (MHA) of GOI should issue a “Gazetted Notification” so that State Police does not take any action during the pendency of statutory enquiry under the statute by DGMS.

**Action: MoC**

**25. Other Safety related issues raised by members**

- 25.1 High Level Expert Committee on Safety constituted by MOC:** Shri Nathulal Pandey desired that one Trade Union (TU) representative should also be accommodated in the said Expert Committee. However, it was noted that the sub committee of this standing committee provides opportunity for TU members to give their suggestions.
- 25.2 Roadmap for UG Mine:** Shri C J Joseph desired that a roadmap with strategic action plan may be framed for UG mines, which is the future of the coal mining industry.

**Action: Coal Companies**

- 25.3 Basis of representation of Standing Committee on safety in coal mines:** Shri Manas Mukherjee said two members are invited from a particular TU. He desired clarification from MoC about basis of nomination of members from different TUs in the Standing Committee on Safety in coal mines.

**Action: MoC**

- 25.4 **Safety in the mines of SCCL:** Shri K Lakshma Reddy pointed out about serious lacuna in attitude of SCCL with regard to issues of mine safety. He desired that the post of regular Director incharge of safety should be filled up immediately.  
**Action: SCCL**
- 25.5 **Mine Safety Audit by DGMS:** Shri K Lakshma Reddy desired that mine safety audit should be done by DGMS.  
**Action: DGMS**
- 25.6 **Use of High-capacity dumpers:** Shri C J Joseph desired that design of dumpers being used in coal mines should be reassessed. He pointed out that actual carrying capacity is low compared design capacity. Chairman, CIL advised CMDs of NCL, SECL and CMPDI to check the issue raised by Hon'ble member.  
**Action: CIL**
- 25.7 **Strengthening of ISO:** Shri C J Joseph desired that ED(S&R) post should be created for strengthening the functioning of the Internal Safety Organization (ISO) of CIL.  
**Action: CIL**
- 25.8 **Study in effects of vibrations by machines:** Shri Manas Mukherjee desired that effects of vibrations should be assessed scientifically.  
**Action: Coal companies**
- 25.9 **Reporting of “Near-miss incidents / accidents”:** Shri Manas Mukherjee desired that all “Near-miss incidents / accidents” should be reported and appropriate corrective actions should be taken to prevent accidents and improve safety standards and awareness.  
**Action: coal companies**
- 25.10 **Authority of Mine Manager:** Shri R K Sharma desired that authority of mine manager should be enhanced as per statute for the sake of improving standards of mine safety.  
**Action: Coal companies**
26. Shri Prabhat Kumar, DG, DGMS has pointed out the following in his speech:
- **Contractor Workers Safety:** He desired that information about various mine safety norms should be percolated down to contractor's employees so that they are more aware and conscious about safety.
  - **Inculcate Best Safety Culture:** He said that there are knowledge, technique, experience amongst employees but best safety practise is missing due to lack of discipline and proper culture. He desired that appropriate steps should be taken to improve safety culture amongst all employees.
  - **Occupational Safety, Health and Working Conditions (OSHWC) Code, 2020:** He informed the house that most of provisions under existing statutes for mine safety are incorporated in OSHWC Code - 2020.
  - **Steps for accident reduction:** He desired that SMP, which essentially actionable points of statute, should be implemented for reduction of accidents in mines. He opined that Zero accidents or near zero accidents are possible through proper compliance of SMP measures.

27. While summing up the proceeding of the meeting, Dr Anil Kumar Jain, Secretary (Coal) has pointed out the followings:

- **Instil Best Behaviour for mine safety:** Safety must be ingrained with behaviour of all concerned for improving standards of mine safety.
- **Identification of top two reasons for mine accident:** He suggested that decomposition of causes of mine fatal accidents should be done for identifying top two contributing reasons. He advised appropriate preventive measures should be taken for reducing mine accidents.
- **Continued efforts for improvement of mine safety:** He said that mine safety is continuous on-going activity. Utmost dedication is required to improve mine safety standards.
- **Regular interactive meeting with Standing Committee members and CMDs:** He suggested that CMDs should regularly interact with Committee members and inspect mines for further improvement in mine safety.
- **Safety improvement in operational level:** He suggested that application of cutting edge technology as well as mine inspection is required for improvement in mine safety.
- **Utilization of mine safety budget:** He desired that SCCL should spent more money for mine safety similar to CIL and make strategy for reducing accidents.
- **Preparation of Charter of Action:** He desired that one charter of action may be prepared for improvement in mine safety.

**Action: All coal Companies**

28. Hon'ble Minister in his concluding remark assured that meeting of Standing Committee on safety in coal mines will be held twice in a year. He reiterated that all valuable suggestions from members are always welcome and MoC will not leave any stone unturned for the betterment of mine safety.

29. Meeting ended with vote of thanks to all members and the Chair.

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**Annexure**

**List of the participants of the 45<sup>th</sup> meeting of Standing Committee on Safety in Coal Mines held at 12.00 noon on 5<sup>th</sup> January, 2021. in New Delhi.**

Sl. No.	Name	Designation	E-mail/ Mobil No.
<b>MINISTRY OF COAL</b>			
1.	Hon'ble Minister of Parliamentary Affairs, Coal and Mines	Chairman	
2.	Shri Anil Kumar Jain	Secretary	
3.	Shri B.P. Pati	Jt. Secretary/ Project Adviser	
4.	Shri. Peeyush Kumar	Chief Manager	
5.	Shri Hitlar Singh	Under Secretary	
<b>TRADE UNION REPRESENTATIVES</b>			
6.	ShriK.Lakshma Reddy	BMS	klreddy3c.com mob. 9603815374
7.	Shri Sanjay Singh	BMS	singhsanjayamie20y@gmail.com mob. 789345600
8.	Shri Nathulal Pandey	HMS	nathulalpandey@gmail.com mob.9425155619
9.	Shri C. Joseph	AITUC	jose_cj2005@rediffmail.com mob. 94049552010
10.	Shri M.K. Mukherjee	CITU	manas041955@gmail.com mob.9836810077
11.	Shri Gopala Krishna	CMOAI	ngk1961@gmail.com mob. 94229087789
12.	Shri R.K. Sharma	IMMA	rabindrasharma1953@gmail.com mob. 7782937687
<b>MINISTRY OF LABOUR &amp; EMPLOYMENT/ DGMS</b>			
13.	Shri Prabhat Kumar	DG, DGMS	dg@dgms.gov.in
14.	S D Chiddarwar	DDG, DGMS Northern Zone	nz.dgms@gmail.com satish_2306@rediffmail.com
<b>COAL INDIA LIMITED</b>			
15.	Shri Pramod Agrawal	Chairman, CIL	
16.	Shri. R.P. Srivastava	DP, CIL	dp.cil@coalindia.in
17.	Shri. Binay Dayal	D(T), CIL	dt.cil@coalindia.in
18.	Shri. Shekhar Saran	CMD, CMPDI	cmd.cmpdi.cil@coalindia.in mob.9431100367
19.	Shri. P.K. Sinha	CMD, NCL/MCL	cmd.ncl.cil@coalindia.in mob. 9406711609
20.	Shri. G. Singh	CMD, BCCL	mob. 9771440888

21.	Shri. Manoj Kumar	CMD, WCL	cmd.wcl@coalindia.in mob. 8007008439
22.	Shri. P.M. Prasad	CMD, CCL	cmd.ccl@coalindia.in mob. 9650993667
23.	Shri. A.P. Panda	CMD, SECL	cmd.secl.cil@coalindia.in Mob.9425531900
24.	Shri. Prem Sagar Mishra	CMD, ECL	9002376001
25.	Shri O.P. Singh	D(T), MCL	dtopmcl@gmail.com Mob. 9437113600
26.	Shri. G. Singh	CMD, BCCL	9771440888
27.	Shri. Prabhakar Chouki	Director (M), NLCIL	9431552880
28.	Shri. S. Chandrashekher	D(T) Cop. SCCL	dop@scclmines.com Mob. 9491144336
29.	Shri. Lokash Kumar	CMP, NLCIL	cmd@nlcindia.in
30.	Shri. Sanjay Kumar Srivastava	GM (S&R), CIL	gmsnr.cil@coalindia.in Mob. 8902499943
31.	Shri, P.R.Prasad	GM(PAD), CIL	gmpadcil@coalindia.in Mob. 9432015923
32.	Shri. D. Sarkar	CM(M), CIL	dsarkar.cil@coalindia.in Mob. 9432015829
33.	Shri. S.K. Pandey	GM (Safety), CIL	skpandey.cil@coalindia.in Mob. 8902498047
34.	Shri. A.K. Choudhury	GM(MP&TR), CIL	9046711664
35.	Shri. DC Mittal	RM, NLCIL	9811140164
36.	Shri. A.K. Dixit	GM (S&C), WCL	8275970040
37.	Shri. P. Mohan Rao	GM (Mining)	9491067169
38.	Shri. N.K. Ojha	RM, SCCL	8125311404
39.	Shri. Avnish Dubey	RO, SCCL	9177953949
<b>PRIVATE COAL COMPANIES</b>			
40.	Shri Abrar Ahad	Group Head, Reliance	abrar.ahad@reliance.com Mob. 9350512764
41.	Shri SS Shrivastava	GM, Ambuja Cement Ltd.	shiv.shrivastava@ambujacement.com Mob. 7225055007
42.	Shri L.R.C. Reddy	Head, Odisha Coal and Power Ltd.	ramchandra.reddy2ocpl.org.in Mob. 8118052478
43.	Shri Ankan Mitra	Head, RA TATA Steel	ankan.mitra@tatasteel.com Mob. 8092084863
44.	Dr. TRK Rao	Director, State Power Gen. Corp.	dir.fnds@tsgenco.co.in Mob. 7032888669
45.	Dr. Vinod Verma	Head, Hindalco	vinod.verma@adityabirla.com Mob. 9990000260
46.	Shri N. Sarvesh Pillai	VP, Topworth Urja and Metal Ltd.	sarvesh.pillai@topworthgroup.com Mob. 9810509924
47.	Shri S.N, Chawla	Manager, Jaiprakesh Power Industries Ltd	sn.chawla@jalindia.co.in Mob. 9560530077
48.	Shri Syed Khadry	VP, Ultratech	syed.khadry@adityabirla.com Mob. 7089906653

51.	Shri. B.S. Chaudhury	Add, VP, RCCPL	bhupendra.chaudhury@birlacorp.com Mob. 8077549436
52.	Shri. K.K. Sharma	Add. CE, RRVUNL	sharma_kishore123@rediffmail.com Mob. 9414063266
53.	Shri S.K. Gupta	GM(M), WBPDC	skg.wbpdcl@gmail.com Mob. 7898905333
54.	Shri T.K. Roy	CGM, SAIL	tk_roy86@rediffmail.com Mob. 9434776626
55.	Shri, H.N. Rai	Director, SAIL	Mob. 9968605890
56.	Shri. C.K. Mandal	Director, NTPC	ckmondal@ntpc.co.in Mob. 9650990451
57,	Shri. Partha Mazumder	ED (CM), NTPC	partham@ntpc.co.in Mob. 9650996364
58.	Shri. Amit Kumar Dubey	Head safety, NTPC	amitkumardubey@ntpc.co.in Mob. 90980970752

## DEMAND FOR 45TH STANDING COMMITTEE ON SAFETY IN COAL MINES [BMS]

1. SCOSICM के वार्षिक निरीक्षण का कार्यक्रम कोल इंडिया समेत अन्य सभी निजी खदानों में सुनिश्चित किया जाए। साथ-साथ कोल इंडिया व कंपनी स्तरीय कार्यक्रमों व बैठकों में समिति सदस्यों की अनिवार्यता सुनिश्चित की जाये।

(The annual inspection programme of the standing committee on safety in coal mine members should be ensured in all the areas of all the coal mines in India. as well as ensure that information is given to the members in Coal India and company level meetings and programmes.)

02. एजेण्डा 1 में आवास रिपेयरिंग संबंधी आंकड़े सही नहीं है। 25 प्रतिशत आवासों में भी सही ढंग से डिसेंट हाउसिंग के तहत रिपेयरिंग का कार्य नहीं हुआ है।

(Quarter repairing figures are not correct in agenda no.1, even in 25% at the quarter repairing has not been done properly under descent housing.)

03. आज की तिथि में सभी कोयला खदानों में अधिकारी संवर्ग में लगभग 1000 व गैर अधिकारी संवर्ग में लगभग 2400 स्टेच्युटरी कर्मचारियों की कमी है। सुरक्षा को देखते हुए स्टेच्युटरी कर्मचारियों को तत्काल भरा जाये, ताकि हम शून्य दुर्घटना के उद्देश्य को तत्काल प्राप्त कर सकें। गैर अधिकारी से अधिकारी संवर्ग में लगभग 600 प्रमाण पत्र डीजीएमएस के पास सत्यापन हेतु पड़े हैं, सभी को एक साथ पदोन्नति दी जाये। कोरोना काल में कई डिप्लोमा होल्डरों एवं प्रशिक्षणार्थियों की उम्र निर्धारित आयु से ज्यादा हो गई है, उन्हें आयु सीमा में 35 वर्ष तक छूट का लाभ प्रदान किया जाये।

(As on date there is a shortage of about 1000 employees of Executive cadre and about 2400 employees of Non-executive cadre in all coal mines. In view of safety vacant post should be filled immediately so that we can get the ZPA [Zero Accident Potential] About 600 certificate for promotion in Non executive to Executive are with DGMS for verification, One time every one should be promoted. During the COVID-19 period the age of many diploma holders/trainees has exceeded the prescribed age and they should be given the benefit upto 35 years of age by giving age relaxation.)

03(a). सेफ्टी बजट का पूर्ण उपयोग सुनिश्चित किया जाये व सामानों की सप्लाई/क्रय ABC analysis के आधार पे Inventory Control को ध्यान में रखते हुए किया जाये, साथ ही साथ सेफ्टी बजट का पूर्ण उपयोग न करने वाले अधिकारियों की उत्तरदायित्व एवं जवाबदेही तय की जाये तथा सुरक्षा संबंधी सामानों के क्रय में एल-1 प्रणाली को समाप्त किया जाये।

(Ensure full use of the safety budget and supply/purchase of material should be done keeping in view the inventory control based on ABC analysis. Also the responsibility and accountability of officers who do not make full use of the safety budget should be fixed. L-1 system to be terminated when purchasing safety items.)

04. सेफ्टी एवं ट्रेनिंग डिपार्टमेंट को स्वतंत्र किया जावे, जिसमें कोल इंडिया लेवल पर एक निदेशक और कंपनी स्तर पर एक Executive Director की स्थापना की जावे।

(Safety and training department should be made independent in which a Director at Coal India level and an Executive Director in each company should be given.)

5. विशेषज्ञ चिकित्सकों की भर्ती कंपनी स्तर पे सुनिश्चित किया जाये एवं BALS Ambulance, आधुनिक एक्स-रे मशीन, ऑटो एनेलाईजर मशीन उपलब्ध करायी जाये।

(Ensure recruitment of specialist doctors at company level and availability of BALS Ambulance, modern X-ray Machine, ECG Machine, Auto analyser machine.)

06. सभी भूमिगत कोयला खदानों में 30 टन एन्करेज टेस्टिंग मशीनों की उपलब्धता सुनिश्चित की जाये।

(Ensure availability of sufficient numbers of 30 Te. Anchorage Testing Machines in all underground coalmines.)

7. 9<sup>th</sup> NSC के अनुसार कोल इंडिया के सभी खदानों/क्षेत्रों में स्टेटा कंट्रोल सेल बनाये जायें और जहां है, उन्हें एक्टिव किया जाये।

(According to 9<sup>th</sup> NSC a strate control cell shuld be set up in all mines/areas of Coal India and where they are activated.)

08. दुर्घटनाओं के आकड़ों में मृत्यु दर से गंभीर चोट लगने की दर बराबर या कम है, जो संभव नहीं, इन आकड़ों को सही रूप में प्रस्तुत करना चाहिए। दुर्घटना आकड़ों में Minor accident व Near miss accident का भी उल्लेख होना चाहिए।

(Accident figure have equal or looser rate of serious injury than mortality rates which is not possible. These figure must be prepared correctly. Minor and Near miss accident should also be mentioned.)

09. खान प्रबंधन को त्रैमासिक या वार्षिक अंतराल पर Risk Assesment और Risk Control की समीक्षा करनी चाहिए। भूमिगत व खुली खदानों में Risk Assesment based SMP को प्रभावी बनाना चाहिए, जिसमें टेक-5 और सुरक्षा मेरी जिम्मेदारी है, यह एक महत्वपूर्ण भाग था, जो लगभग विलुप्त हो चुका है और आज SMP soft Management plan बनकर रह गया है।

(Mines Management should review Risk Assesment and Risk Control at quarterly and Annual intervals and make the Risk Assesment based SMP effective in all underground and Open cast Mines, for which TAKE-5 and Safety is my responsibility, the concept was an important part which as been extinct. Today safety Management Plan has become Soft Management Plan.)

10. अधिकांश कंपनियों में प्रयुक्त होने वाले Rescur Apparatus Suvey Off हो चुके हैं। एक समान व्यवहार वाले रेस्क्यू उपकरणों की उपलब्धता सुनिश्चित किया जाये तथा वे हर खदान में उपलब्ध हों।

(Rescur apparatus used in most of the companies has been surveyed. Ensure availability of similar treatment Rescue apparatus and it is available in every mines.)

11. Mines Rescur Rule 1985 में केवल भूमिगत खदानों से संबंधित रेस्क्यू कार्यों का उल्लेख है। इसे खुली खदानों में भी लागू किया जाये।

(In Mines Rescur Rule, 1985 only mention the Rescur work related to underground mines, it should be implemented in Opencast Mine also.)

12. सभी नये कोयला कामगारों को रेस्क्यू का प्राथमिक प्रशिक्षण दिया जाना चाहिए। सभी RTPs को गैस टेस्टिंग की परीक्षा पास होना चाहिए। सभी RTPs को आग व पानी में प्रशिक्षण देने की व्यवस्था की जानी चाहिए व सभी RTPs की अधिकतम आयु का निर्धारण होना चाहिए एवं रेस्क्यू ब्रिगेड में ठेकेदारी कामगारों को भी शामिल किया जाना चाहिए।

(All new coal workers must be given primay training of Rescue. All RTPs must pass the gas testing exam. All RTPs should be trained in fire and water and the maximum age of all the RTPs should be determined and the contractor workers in the rescue brigade should also be included.)

13. कोयला उद्योग में कार्यरत अधिकारियों को विशेष प्रशिक्षण हेतु सिमतास (Australia) में लगभग 50-60 लाख रुपये खर्च कर भेजा जाता है, ताकि वह सुरक्षा के बारे में कोल उद्योग के कर्मचारियों को सजग कर सकें, किंतु अत्यंत खेद का विषय है कि जब ऐसे अधिकारी प्रशिक्षण प्राप्त करके आते हैं, तो उन्हें Mines Manager, SO (P&P), SO(Mining) etc. में पदस्थ कर दिया जाता है तथा कर्मचारियों के प्रशिक्षण की बागडोर बीमार व दिव्यांग लोगों के हाथ में दे दी जाती है। वर्तमान समय में ऐसे लगभग 40 अधिकारी प्रशिक्षित हैं जिसमें से केवल 9 या 10 ही सुरक्षा व प्रशिक्षण विभाग में हैं। बाकी का उपयोग समय-समय पर फेकल्टी के रूप में किया जाना चाहिए।

(The officer working in the coal industry are sent to Simtas [Australia] training centre for special training at a cost about 50 to 60 Lakh, so that they can make the coal industry employees aware of safety. But it is a matter of great regret that when such officers are coming for training they are posted in the departments of Mines manager, SO Mining, SO P&P etc. and the training at the employees of coal industry is given to the sick and handicapped people this definitely affects the safety. At present about 40 such executive are trained out of which only 9 or 10 officers are in the safety & training department, rest should be used as faculty from time to time.)

14. सभी खुली खदानों में Dust से निजात पाने हेतु हॉल रोड के दोनों तरफ व खदान के चारों ओर ग्रीन बेल्ट चैनल की अवधारणा को विकसित करना होगा।

(In order to get rid of dust in all Opencast Mines, the green belt channel concept has to be developed in both sides of the haul road and around the mines.

15. सभी क्षेत्रों में STP (Sewage treatment Plant) स्थापित किये जायें।

(Sewage Treatment Plant [STP] should be set up in all areas)

16. सुरक्षा समितियों में पहली व महत्वपूर्ण कड़ी, खदानों की सुरक्षा समिति होती है। किंतु अत्यंत खेद का विषय है कि डीजीएमएस के अधिकारियों का जब निरीक्षण होता है तो केवल प्रबंधन से वार्ता कर लौट जाते हैं, जबकि मूलतः डीजीएमएस के अधिकारियों को खान सुरक्षा समिति के साथ निरीक्षण करना चाहिए।

(The First and important link in Safety Committee of the mines but it is a matter of great regret that when the officers of DGMS are inspected, they only return after talking management while the officers of DGMS are inspected with the Mines Safety Committee should do.)

17. आज तक कोयला खदानों में कार्यरत कई ठेका मजदूर कार्य के दौरान दुर्घटनाग्रस्त हुए हैं, किंतु दुर्भाग्य का विषय है, कि किसी भी ठेका कामगार को आईओडी नहीं दिया गया है।

(Till date many contractor workers, working in coal mines have crashed in the course of work, but it is a matter of misfortune that no contract labours were given IOD [Injury on Duty]).

18. According to CII letter No. CII/C-58/JBCCI-X/Covid-19/Exgoatng/236 दिनांक 14.05.2020 के अनुसार कोरोना बीमारी से मरने वाले समस्त कामगारों, जिसमें हमारे ठेका कामगार भी हैं, को 15 लाख रुपये Exgrasia दिया जाना था, किंतु अधिकांश जगहों पर भुगतान नहीं हुआ है, विशेष तौर से ठेका कर्मचारियों को बिल्कुल नहीं।

(All the workers who died of COVID-19 including our contractor workers were to be given 15 lakhs exgratia but in most places the payment has not been done especially to the contact workers.

19. 7<sup>th</sup> NSC के अनुसार सुरक्षा व उत्पादन बढ़े, इस निमित्त खदानों में संचालित मशीने बिल्कुल फीट होनी चाहिए, जिस हेतु निश्चित अंतराल पे उनका एरगोनोमिक सर्वेक्षण कराया जाये।

(According to 7<sup>th</sup> NSC in order to increase safety and production the machines operating in the mines should be fitted perfectly for which an ergonomic survey of them is required at certain intervals)

20. ऑपरेटरों व संबंधित स्टॉफ के निपुणता विकास व ट्रेनिंग के लिए सिम्युलेशन व 3डी विज्युअल रिआलिटी की आधुनिक तकनीक का प्रयोग किया जाये।

(Modern technology of simulation and 3D visual reality should be used for skill development and training of HEMM operators and related staff.)

21. भूमिगत खदानों में फंसे कामगारों का पता लगाने के लिए खनन कंपनियों को R&D संस्थानों और उपकरण बनाने वालों के सहयोग से उपयुक्त संचार प्रणाली स्थापित करने हेतु उचित अनुसंधानों की पहल करनी चाहिए।

(To locate workers trapped in U/G mines, Mining companies have to initiate appropriate research to establish appropriate communication system in collaboration with research and development institutes and equipment manufactures.)

22. प्रत्येक कोल क्षेत्रों में गैस परीक्षण हेतु गैस क्रोमोटोग्राफ होना चाहिए।

(Each coalfield should have Gas Chromatograph for gas testing)

23. 5M (Man, money, material, machinery and maintenance) प्रणाली को पूर्णता के साथ अपनाना होगा ताकि सुरक्षा के साथ उत्पादन व उत्पादकता को बढ़ाया जा सकें।

(System has to be adopted for perfection towards 5M [Man, money, material, machinery and maintenance] so that production and productivity increased with safety).

24. सभी भूमिगत खदानों में Multi Gas Detector की उपलब्धता व उनका समय पर Calibration सुनिश्चित कराया जाये।

(Multi Gas Detectors and their calibration in appropriate duration should be ensured in all Underground Mines.)

25. Standard of lighting भूमिगत भागों हेतु DGMS (Tech.) (S&T) Circular No. 07 of 2016, Dhanbad dated 08.04.2016 एवं DGMS (Legis.) Circular No. 02 of 2017 dated 06.11.2017 के अनुसार प्रकाश का स्तरमान निर्धारित हो।

26. सभी भूमिगत खदानों में मैन्युअल ड्रिलिंग बंद की जाये। केवल यूडीएम या रेडियेंट मशीन का ही प्रयोग कोयला/पत्थर में होल लगाने हेतु प्रयोग हो।

(Manual drilling should be stopped in all underground mines, only UDM (Universal Drilling Machine) and Radiant Machines should be used for putting holes in coal and stone.

27. खदानों में मिसफायर का पता लगाने के लिए सेंसर बेस आधुनिक तकनीक का उपयोग S&T डिपार्टमेंट की मदद से किया जाना सुनिश्चित किया जाये।

(To detect the misfire in the mines, the sensor based should be used with the help of S&T department.)

28. कोल माइन्स रेग्युलेशन 2017 के Reg. 93(06) के अनुसार ऐसी सभी खदानें जो 1 कि.मी. या उससे ज्यादा दूरी की है, में मैन राइडिंग की व्यवस्था होनी चाहिए, किंतु अधिकांश जगहों पे यह लागू नहीं है और जहां लगी हैं उनमें से भी अधिकांश किसी ना किसी कारण से बंद है।

(Accordingg to Regulation 93(06) of Coal Mines Regulation 2017, all mines which are mines at more than 1 KM, Manriding system should be installed, but it is not applicable in most of the place and most of them are engaged for some reason is close.

29. अप्रेंटिस एक्ट 1961 की धारा 16 एवं 17 के अनुसार खदानों में प्रशिक्षण प्राप्त कर रहे प्रशिक्षणार्थियों को केवल प्रशिक्षण प्रदान किया जाये, ना कि सामान्य कामगारों की तरह कार्य लिया जाये। सामान्य कार्य लेने का नतीजा यह हुआ है कि कई प्रशिक्षणार्थियों को अपनी जान जवानी पड़ी है।

(According to section 16 & 17 of Apprentices Act 1961, the trainees undergoing training in the mines should be provided only training and not to be employed like normal wokers, the result at taking normal work is that the trainees lost their lives in the last few day is lying.

30. आज सभी खदानों में कार्यरत अधिकांश कर्मचारी उक्त रक्तचाप और शुगर नामक बीमारी से ग्रस्त है और उनमें से अधिकांश की मृत्यु जानकारी के अभाव में हो जाती है। सभी खदानों में बीपी और शुगर कीट अनिवार्य रूप से रखे जाने चाहिए। खदानों में जो भी अधिकारी/कर्मचारी कार्य के दौरान हार्ट अटैक से मरते है उन्हें माइनिंग एक्सीडेंट के वर्ग में रखा जावे।

(This time most of the employee working in all the mines are suffering from a disease called BP and sugar and most of them die due to lack of information, BP and sugar Kit should be compulsarily kept in all mines. In mines any exeuctive/worker die from heart attach during work, should be placed in category of mining accidents.)

31. खदानों में कार्य करने वाले बड़े ठेकेदार खदान के सुरक्षा नियमों की अनदेखी करते है। कड़े व्यवस्थागत निर्देश जारी करने की आवश्यकता है।

(Contractor who work in coal mines ignore the Safety Rules of the Mines, strict administration need to be issued.)

32. विशेष प्रकार के कार्यों को करने के लिए work permit system लागू किया जाये, जिसमें कार्य के दौरान एसओपी, कार्य की जिम्मेदारी व ब्यौरा दिया जाये।

(Work permit system should be implemented to perform certain types of tasks in which safet operting procedure (SOP), responsibility of work and details should be given during the work.)

33. जिन भूमिगत खदानों में 05 वर्ष से अधिक का कोयला है, वहां low height continuous miner चलाने की संभावनाओं पे विचार करना चाहिए। जिससे जहां एक तरफ ब्लास्ट फ्री माइनिंग की जा सकेगी वहीं सुरक्षा सहित उत्पादन व उत्पादकता में वृद्धि होगी।

(In underground mines which have coal from more than 5 year, the possibility of running a low height continuous miner should be considered, so that while blast free mining can be done on one side production and productivity along with safety will be increased.

34. सभी HEMM में proximity device अन्य safety device के अलावा लगाया जाये।

35. ऐसे कर्मचारी जिनकी Bypass Surgery हुई है या Angioplasty हुई है, या अन्य किसी गंभीर बीमारी से ग्रसित है, उन्हें स्वस्थ होने तक सरफेस पे अल्टरनेट जॉब प्रदान किया जाये।

(Those employee who have undergone bypass surgery or angioplasty or are suffering from other serious illness should be provided with an alternate job on the surface till they become healthy.

36. कोयले के उत्खनन हेतु जमीन अधिग्रहण व पर्यावरणीय स्वीकृति को सहज किया जाये, जिसमें मंत्रालय का सहयोग अपेक्षित है। जमीन ना मिलने के अभाव में सभी खुली खदानें vertical होती जा रही है।

(land acquisition and environmental clearance for clal mining should be facilitated in which co-operation of the ministry is required. In the absence of getting land all the opencast mines are becoming vertical.)

37. भूमिगत खदानों में परिस्थितिवश यदि कोई वर्क ऑर्डर जिसमें Quantum of work and BOQ (Bill of quantity) समान है, तो भी साईट परिवर्तन हेतु पुनः टेण्डर प्रक्रिया नये सिरे से करनी पड़ती है, जिसमें कम से कम 60 दिवस का समय लग जाता है।

(In the underground mine even if work order which has ghe same Quantum of work and BOQ (Bill of quantity), the re-tendering process for site change has to be renewed in which atleast 60 days of time is wasted.

38. भूमिगत खदानों में sectionalisation & Isolation स्टापिंग के कार्य को केपिटल बजट के दायरे में रखा जावे ना कि रेवेन्यू बजट के।

( The work of sectionsation and Isolation stoppings in the underground mine should be kept in capital budget and not in the revenue budget.