

HALF YEARLY
ENVIRONMENT CLEARANCE COMPLIANCE REPORT
OF
CLUSTER 7
J-11015/386/2011-IA-II.(M)
FOR THE PERIOD OF
OCTOBER 2020 TO MARCH 2021



Eastern Coalfields Limited
(A subsidiary of Coal India Ltd.)



Eastern Coalfields Limited

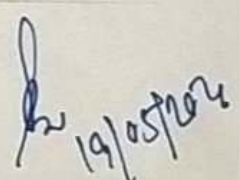
(A Subsidiary of Coal India Ltd.)

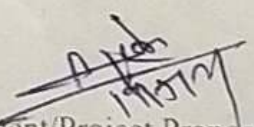
Office of the Agent, Bhanora Group of Mines, Sripur Area

P.O- Barabani, Pin- 713339, Dist. Burdwan (WB)

UNDERTAKING

Information provided in Half yearly EC compliance report for the period October' 2020 to March' 2021 in respect of the following mine in Cluster 7 is true to the best of my knowledge:

SL No	Name of the Mine	Name of the Manager	Signature of Manager
1.	Bhanora West UG	Shri Sajib Chattopadhyay	
2	Bhanora West OCP		


Agent/Project Proponent
Bhanora Group of Mines
(Signature with Seal)

ईस्टर्न कोलफील्ड्स लिमिटेड

(कोल इंडिया लिमिटेड का एक अंग)


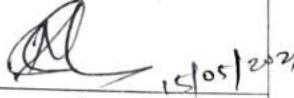
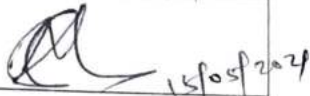
EASTERN COALFIELDS LIMITED


(A subsidiary of Coal India Limited)

OFFICE OF THE AGENT, BARMONDIA GROUP OF MINES, SALANPUR AREA

UNDERTAKING

Information provided in half yearly EC compliance report for the period October 2020 to March 2021 in respect of the following mines of Cluster no. 7 is true to the best of my knowledge:

SL NO.	NAME OF MINES	NAME OF THE MANAGER	SIGNATURE OF THE MANAGER
1	Barmondia UG	S. MONDAL	 15/05/2021
2	Chakballavpur UG	S. MONDAL	 15/05/2021
3	Manoharbahal UG	S. MONDAL	 15/05/2021


Agent/ Project Proponent
Barmondia group of Mines
(SIGNATURE WITH SEAL)

DY. G. M. (M) / AGENT
BARMONDIA (A) COLLIERY
SALANPUR AREA (E.C.L.)

उप महा प्रबंधक (खन) / अभिकर्ता
बरमोन्डिया (ए) कोलिअरी
सलानपुर क्षेत्र (ई.सी.एल.)

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J-11015/386/2010-IA-II.(M) dt. 16.01.2015


Period of Compliance Report: Oct, 20- Mar, 21

SI No.	Specific Conditions	Compliance Status																		
i.	The maximum production from the mine at any given time shall not exceed the limit as prescribed in the EC.	<p>Complied</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Mines</th> <th style="text-align: center;">Peak EC Capacity (MTPA)</th> <th style="text-align: center;">Production From Oct'20 to Mar'21</th> </tr> </thead> <tbody> <tr> <td>Barmondia UG</td> <td style="text-align: center;">0.030</td> <td>Production Suspended</td> </tr> <tr> <td>Chakballavpur UG</td> <td style="text-align: center;">0.040</td> <td>Production Suspended</td> </tr> <tr> <td>Manoharbahal UG</td> <td style="text-align: center;">0.040</td> <td>Production Suspended</td> </tr> <tr> <td>Bhanora West UG</td> <td style="text-align: center;">0.13</td> <td style="text-align: center;">0.0134</td> </tr> <tr> <td>Bhanora West OCP</td> <td style="text-align: center;">0.50</td> <td style="text-align: center;">0.061</td> </tr> </tbody> </table>	Mines	Peak EC Capacity (MTPA)	Production From Oct'20 to Mar'21	Barmondia UG	0.030	Production Suspended	Chakballavpur UG	0.040	Production Suspended	Manoharbahal UG	0.040	Production Suspended	Bhanora West UG	0.13	0.0134	Bhanora West OCP	0.50	0.061
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Bhanora West OCP	0.50	0.061																		
ii.	The validity of the EC is for the life of the Mine or as specified in the EIA Notification, 2006, whichever is earlier.	Agreed																		
iii.	All safety measures shall be taken as per CMR, 1957 & related circulars.	All safety measures are being taken as per CMR-1957 & related Circulars.																		
iv.	The production shall be within the same Mining Lease area.	The production is within the same Mining lease																		
v.	Coal shall be transported by rail only. Coal transportation from mine to siding should be by conveyor belt. The loading to siding by pay loaders into railway wagons.	Coal transportation is done by rail. Transportation of coal from mine is being done by tarpaulin covered trucks on dedicated black-topped road especially constructed for the purpose. Coal transportation from mines to siding through belt conveyors is not feasible because, the capacity of the mines is less.																		
vi.	Independent network of railway siding inside cluster be developed. Railway sidings should be constructed at the earliest and till then proponent may use mechanically covered trucks for transportation of coal.	Transportation of coal from mine to railway siding is being done by tarpaulin covered trucks. Presently MS railway siding is used for coal despatch under this Cluster. Renovation of Bhanora Railway Siding is under process for Sripur Area.																		
vii.	Three tier green belts shall be raised around the railway sidings and along the road sides to prevent dust and noise pollution	A healthy natural plantation is already present around the siding to prevent dust and noise pollution and no further plantation is possible due to non-availability of space at the siding. In addition to this MS siding is bounded by a thick brick wall of 10 feet height approx.																		
viii.	Stowing and depillaring shall be as per recommendation of the DGMS.	Agreed.																		
ix.	The proponent must comply with the Raniganj Action Plan. The unstable areas within the cluster will be brought under plantation after the population residing over these areas is rehabilitated under the Master plan for Raniganj Coalfield to be implemented by ADDA.	Complied as per Master Plan for Raniganj Coalfield implemented by ADDA, Govt. of West Bengal.																		
x.	Trees with deep rooted system should be planted so	Noted and agreed																		

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	as to prevent soil erosion.	
xi.	Proponent should plant additional 10 Ha/year over the next 10 years at various locations in this Cluster.	<p>Noted and Agreed. Plantation has already been done as per the practice of normal plantation. Depending upon the availability of land further plantation will be done. 10.5 Ha plantation done in FY 20-21.</p> 
xii.	River/nallahs shall be desilted and restored back to functional state.	Garland drains and Catch drains and siltation sump of appropriate size has been constructed to arrest silt and sediment flows from soil, OB dump. The water so collected in the main sump within the mine is utilized for dust suppression in mine Area, roads and green belt development. Garland drains and catch drains are regularly desilted and maintained properly. No discharge is done in river/nallah.
xiii.	Wildlife conservation plan be prepared and submitted to the MoEFCC with the approval of the State Govt.	Study for Preparation of Wildlife conservation plan has been completed.
xiv.	Proponent shall use high resolution image of all clusters for evaluating land use, plantation etc.	CMPDI has been assigned the task of regularly conducting satellite surveillance study of projects of ECL.
xv.	Separate Drainage Pattern be provided.	Drains are present wherever necessary.
xvi.	Sand stowing must be used as recommended by CMPDI.	Sand stowing is done as per recommendation made by CMPDI.
xvii.	Action plan for prevention and mitigation of subsidence be prepared and implemented.	Coal pillars are left intact vertically below and within the angle of draw of villages and other surface features. Depillaring is done with sand stowing in all mines. The mining method adopted in consultation with DGMS and their approval.
xviii.	The OC patches to be operated will be completely filled-up after exhaustion of reserves and reclaimed with plantation.	The OC Patches is presently in operation which will be completely filled-up after exhaustion of reserves and reclaimed with plantation.
xix.	The OB shall be completely re-handled at the end of the mining.	Noted and agreed
xx.	There shall be no residual OB dump after the mining.	Noted and agreed
xxi.	After completion of mining activities, the subsided areas shall be graded and planted upon.	Noted and agreed
xxii.	Coal Extraction shall also be optimized in the areas where agricultural production is continuing. Some pillars shall be left below the agricultural land. No depillaring & coal extraction should be carried out below habitation, H.T. Lines & beneath road, water bodies.	Coal Extraction is being carried out as per DGMS permissions and guidelines
xxiii.	The rehabilitation of households falling within this	It is being done in coordination with ADDA (Asansol

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	cluster to be carried out in two phases within 10 years.	Durgapur Development Authority)
xxiv.	The land excavated after mining must be brought back to original condition for agricultural/plantation purpose.	Noted and Agreed. All the above mentioned mines except Bhanora West Block OCP of this cluster are UG mines. Hence quality of surface conditions would not be disturbed.
xxv.	Water discharged from the mine should be as good as surface drinking water.	Mine discharge is being monitored regularly by CMPDIL and found well within prescribed limits of MoEF Schedule VI. A Pressure Filter of 5000 GPH is installed at Bhanora Colliery under Sripur Area for treating mine water discharge. However the quantum of mine water if used for drinking purposes will be treated as per the drinking water standards.
xxvi.	Regular monitoring of subsidence movement on the surface over and around the working area and impact on natural drainage pattern, water bodies, vegetation, structure, roads, and surroundings) shall be continued till movement ceases completely. In case of observation of any high rate of subsidence movement, appropriate effective corrective measures shall be taken to avoid loss of life and material. Cracks shall be effectively plugged with ballast and clayey soil/suitable material.	Regular inspection is being done by the pit safety committee headed by Safety Officer on the surface over and around the working area for any sign of subsidence.
xxvii.	If subsidence is found exceeding the permitted limits, then the landowners shall be adequately compensated with mutual agreement of the landowners.	Noted and agreed
xxviii.	Water sprinkling system shall be provided to check fugitive emissions from loading operations, conveyor systems, haulage roads, transfer points, etc. Major approach roads shall be blacktopped and properly maintained.	Sprinkling is done on regular basis to check the fugitive emissions at necessary points.
xxix.	The CSR cost should be Rs 5 per Tonnes of Coal produced which should be adjusted as per the annual inflation.	As per the revised CSR policy of Coal India Ltd, 2% of the average profit of preceding 3 years is the norms for CSR expenditure in the entire ECL command areas.
xxx.	The mining in the existing mines should be phased out after expiry of the current mining lease and after reclamation of mined over area. The operating mines may be analysed and monitored for compliance of conditions, bearing with movement of wildlife and until such time they are closed/phased out.	It shall be complied as per the Mine Closure Plan (MCP).
xxxi.	Everybody in the core should be provided with mask for protection against fugitive dust emissions.	Dust mask for protection against fugitive dust emissions is provided to the personnel working in the mining area.
xxxii.	Dust mask to be provided to everyone working in the mining area.	Dust mask for protection against fugitive dust emissions is provided to everyone working in the mining area.
xxxiii.	The supervisory staff should be held personally responsible for ensuring compulsory regarding wearing of dust mask in the core area.	Supervision is being done regularly to ensure wearing of dust mask near dust producing sources.
xxxiv.	People working in the core area should be	Periodic Medical Examination (PME) tests which

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	periodically tested for the lung diseases and the burden of cost on account of working in the coal mine area.	includes PFT were conducted by Area Medical Officer and Initial Medical Examination (IME) is being done for new recruits.
xxxv.	The mining area should be surrounded by green belt having thick closed canopy of the tree cover.	Mining area is surrounded by green cover and further plantation will be done to increase the thickness of the tree cover.
xxxvi.	Besides carrying out regular periodic health check-up of their workers, 10% of the workers identified from workforce engaged in active mining operations shall be subjected to health check-up from occupational diseases and hearing impairment, if any, through an specialized agency /institution within the District/State and the results reported to this Ministry and to DGMS.	20 % of the workforce is covered under Periodical Medical Examinations each year. Suspected cases of occupational health diseases like Pneumoconiosis and Noise Induced Hearing Loss are sent to higher medical board within company for comprehensive check-up. The PME data is being regularly sent to the DGMS.
xxvii.	The embankment constructed along the river boundary shall be of suitable dimensions and critical patches shall be strengthened by stone pitching on the river front side and stabilized with plantation so as to withstand the peak water flow and prevent mine inundation.	Noted and Agreed
xxviii.	There shall be no overflow of OB into the river and into the agricultural fields and massive plantation of native species shall be taken up in the area between the river and the project.	Noted and Agreed. All the above mentioned mines except Bhanora West Block OCP of this cluster are UG mines and there is no overflow of OB into river and into the agricultural fields.
xxxix.	Catch drains and siltation ponds of appropriate size shall be constructed to arrest silt and sediment flows from soil, OB and mineral dumps. The water so collected shall be utilized for watering the mine area, roads, green belt development, etc. The drains shall be regularly desilted and maintained properly. Garland drains (size, gradient and length) and sump capacity shall be designed keeping 50% safety margin over and above the peak sudden rainfall and maximum discharge in the area adjoining the mine site. Sump capacity shall also provide adequate retention period to allow proper settling of silt material.	Above mentioned mines of this cluster except Bhanora West Block OCP are UG mines. At OCP drains are provided at necessary areas which are regularly desilted and cleaned every year before monsoon.
xl.	Garland drains (size, gradient and length) around the safety areas such as mine shaft and low lying areas and sump capacity shall be designed keeping 50% safety margin over and above the peak sudden rainfall and maximum discharge in the area adjoining the mine sites. Sump capacity shall also provide adequate retention period to allow proper settling of silt material.	Drains of adequate dimensions have been provided to evacuate maximum single day rainfall. Cleaning of drains is part of monsoon preparedness. Inspection of drains is carried out by safety personnel as part of pre-monsoon activity.
xli.	Dimension of the retaining wall at the toe of the dumps and OB benches within the mine to check run-off and siltation shall be based on the rainfall data.	Noted and agreed
xlii.	Crushers at the CHP of adequate capacity for the expansion project shall be operated with high efficiency bag filters, water sprinkling system shall be provided to check fugitive emissions from crushing	There is no CHP in the cluster.

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	operations, conveyor system, haulage roads, transfer points, etc.	
xl.iii.	Mine discharge water outside the ML shall be monitored, particularly for TDS and treated to conform to prescribed levels before discharge into the natural environment.	Mine water discharge quality complies with prescribed standards. Regular monitoring is done by CMPDIL.
xliv.	Drills shall be wet operated.	Spraying is done for dust suppression before drilling underground.
xlv.	The project authorities shall undertake regular repairing and tarring of roads used for mineral transportation. A 3-tier green belt comprising of a mix of native species shall be developed all along the major approach roads.	As per requirement, regular repairing and tarring of roads are being taken on priority basis. Both sides of approach roads are well vegetated naturally. Green belt is been developed comprising of native species like Neem, Mango, Ashoka, Radhachura, Krishnachura, etc trees.
xlvi.	Controlled blasting shall be practiced with use of delay detonators and only during daytime. The mitigative measures for control of ground vibrations and to arrest the fly rocks and boulders shall be implemented.	Controlled blasting is in practice with use of delay detonators.
xlvii.	A progressive afforestation plan shall be implemented covering an area of 456 ha at the end of mining, which includes reclaimed Excavation area (50 ha); Built up area (52.1 Ha); Subside area (23.9 ha) and barran/vacant land (330 ha) and in township located outside the lease by planting native species in consultation with local DFO/Agriculture Department. The density of the trees shall be around 2500 plants per ha. Massive plantation shall be carried out in open spaces in and around the mine and a 3-tier avenue plantation along the main approach roads to the mine.	Most of the area is naturally vegetated and these are not affected due to mining operations. However plantation with native species will be made on availability of land. A green belt alongside of 1.5 km approach road at Bhanora West OCP is developed with native species.
xlviii.	The proponent should prepare restoration and reclamation plan for the degraded area. The land be used in a productive and sustainable manner.	The restoration and reclamation for degraded areas are done as per Mine Closure Plan (MCP).
xlix.	Compensatory Ecological & Restoration of waste land, other degraded land and OB dumps in lieu of breaking open the land be carried out.	It will be done as per the Mine Closure Plan (MCP)
i.	No groundwater shall be used for mining operations.	No ground water is being used for mining operations.
ii.	An estimated total 11.20 Mm ³ of OB will be generated during the entire life of the mine. There shall be no residual external dump left at the mined site after exhaustion of the quarries. The OB dump height is upto 60 m. The maximum slope of the dump shall not exceed 28 degrees. Monitoring and management of reclaimed dump sites shall continue till the vegetation becomes self-sustaining and compliance status shall be submitted to MoEF& CC and its Regional Office on yearly basis.	Noted and agreed
iii.	Of the total quarry area 50 ha the backfilled quarry area of 50 ha shall be reclaimed with plantation by planting native species in consultation with local DFO/Agriculture Department. The density of the	Noted and Agreed.

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	trees shall be around 2500 plants per ha.													
liii.	Regular monitoring of groundwater level and quality shall be carried out by establishing a network of existing wells and construction of new piezometers. The monitoring for quantity shall be done four times a year in pre-monsoon (May), monsoon (August), post-monsoon (November) and winter (January) seasons and for quality in May. Data thus collected shall be submitted to the Ministry of Environment, Forests & Climate Change and to the Central Pollution Control Board quarterly within one month of monitoring.	Regular monitoring of ground water is being done by CMPDIL, Asansol. The monitoring reports indicate that the quality of the water is meeting the prescribed standards. The measurement of water level is being carried out and the water level data shows that there no significant impact on ground water level.												
liv.	The company shall put up artificial groundwater recharge measures for augmentation of groundwater resource in case monitoring indicates a decline in water table. The project authorities shall meet water requirement of nearby village(s) in case the village wells go dry due to dewatering of mine.	Ground water level monitoring is being done regularly by CMPDIL on quarterly basis. Measures will be taken if any decline in water table is reported.												
lv.	Sewage treatment plant shall be installed in the existing colony. ETP shall also be provided for workshop and CHP wastewater.	In old collieries septic tank followed by soak pits is present. In case of new colonies in the future integrated STP will be constructed. No CHP is present.												
lvi.	Land oustees shall be compensated as per the norms laid out R&R Policy of CIL or the National R&R Policy or R&R Policy of the State Government whichever is higher.	It is being complied as per R&R Policy of CIL/National R&R Policy.												
lvii.	For monitoring land use pattern and for post mining land use, a time series of land use maps, based on satellite imagery (on a scale of 1:5000) of the core zone and buffer zone, from the start of the project until end of mine life shall be prepared once in 3 years (for any one particular season which is consistent in the time series), and the report submitted to MoEF&CC and its concerned Regional office.	Changes in the land use pattern will be tracked by carrying out satellite imagery at every three years' interval. CMPDI, Ranchi is assigned with this task.												
lviii.	A detailed Final Mine Closure Plan along with details of Corpus Fund shall be submitted to the Ministry of Environment, Forest & Climate Change within 6 months of grant of Environment Clearance.	Mine closure plan as per guidelines of Ministry of Coal has been prepared and approved by the ECL board in the 264 th Board meeting on 24 th Sept 2013 and money has been deposited in Escrow account in 9-11-2013.												
lix.	The project authorities shall in consultation with the Panchayats of the local villages and administration identify socio-economic and welfare measures under CSR to be carried out over the balance life of the mine.	As per the revised CSR policy of Coal India Ltd. 2% of the average profit of preceding 3 years is the norms for CSR expenditure in the entire ECL command areas. The requirement of Socio Economic is being done by TISS in 2012-13 & accordingly CSR activities are being undertaken in consultation with local panchayats. SRIPUR AREA												
		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Sl. No.</th> <th style="text-align: center;">Year of Work</th> <th style="text-align: center;">Expenditure (in lakhs)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">2012-13</td> <td style="text-align: center;">Rs. 25.05</td> </tr> <tr> <td style="text-align: center;">2</td> <td style="text-align: center;">2013-14</td> <td style="text-align: center;">Rs. 0.00</td> </tr> <tr> <td style="text-align: center;">3</td> <td style="text-align: center;">2014-15</td> <td style="text-align: center;">Rs. 16.54</td> </tr> </tbody> </table>	Sl. No.	Year of Work	Expenditure (in lakhs)	1	2012-13	Rs. 25.05	2	2013-14	Rs. 0.00	3	2014-15	Rs. 16.54
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		4	2015-16	Rs. 0.00
		5	2016-17	Rs. 58.74
		6	2017-18	Rs. 2.19
		7	2018-19	Rs. 6.03
		8	2019-20	Rs. 8.29
		9	2020-21	Rs. 0.00
ix.	Corporate Environment Responsibility:			
(a)	The Company shall have a well laid down Environment Policy approved by the Board of Directors.	ECL has its own well framed Corporate Environment Policy.		
(b)	The Environment Policy shall prescribe for standard operating process/procedures to bring into focus any infringements/deviation/violation of the environmental or forest norms / conditions.	Complied		
(c)	The hierarchical system or Administrative order of the company to deal with environmental issues and for ensuring compliance with the environmental clearance conditions shall be furnished.	The Environment Department is headed by GM(Env) at HQ level and Environment Management Cell(EMC) has been established at Area level which is responsible for looking after the compliances of the EC conditions of all the Clusters present in the area. The head of this EMC reports directly to the GM of the area.		
(d)	To have proper checks and balances, the company shall have a well laid down system of reporting of non-compliance/violations pf environmental norms to the Board of Directors of the company and/or shareholders or stakeholders at large.	The Environment Audit Cell(EAC) has been established at area level for periodic audit of the Clusters for compliance of the EC conditions and other regulatory compliances.		

SI No.	General Conditions	Compliance Status
i.	No change in mining technology and scope of working shall be made without prior approval of the Ministry of Environment, Forests & Climate Change.	There has been no change in mining technology.
ii.	No change in the calendar plan of production for quantum of mineral coal shall be made.	It is being complied with.
iii.	Four ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for PM ₁₀ , PM _{2.5} , SO ₂ and NO _x monitoring. Location of the stations shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets in consultation with the State Pollution Control Board. Monitoring of heavy metals such as Hg, As, Ni, Cd, Cr, etc carried out at least once in six months.	It is being complied with.
iv.	Data on ambient air quality(PM ₁₀ , PM _{2.5} , SO ₂ and NO _x) and heavy metals such as Hg,As,Ni,Cd,Cr and other monitoring data shall be regularly submitted to the Ministry including its concerned Regional Office and to the State Pollution Control Board and Central Pollution Control Board once in six months. Random verification of samples through analysis from independent laboratories recognised under	Ambient air quality (PM ₁₀ , PM _{2.5} , SO ₂ and NO _x) and heavy metals such as Hg, As, Ni, Cd, Cr and other monitoring data are regularly submitted to the Ministry including its concerned Regional Office and to the State Pollution Control Board and the Central Pollution Control Board once in six months. Report Annexed as Annexure-A.

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	the EPA rules, 1986 shall be furnished as part of compliance report.	
v.	Adequate measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in blasting and drilling operations, operation of HEMM, etc shall be provided with ear plugs/muffs	Regular Environmental monitoring is being carried out fortnightly basis by CMPDI, Asansol.
vi.	Industrial wastewater (workshop and wastewater from the mine) shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19 th May 1993 and 31 st December 1993 or as amended from time to time before discharge. Oil and grease trap shall be installed before discharge of workshop effluents.	Mine discharge water samples from the mines is collected and tested in laboratory at CMPDI, RI-I, Asansol on quarterly basis. Mine water quality conforms to the standards prescribed under GSR 422(E) dated 19th May 1993 and 31st December 1993.
vii.	Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transporting the mineral shall be covered with tarpaulins and optimally loaded.	Coal is transported from mines to nearby Railway Siding in tipplers. This is ensured that coal in tipplers is wet and covered with tarpaulin before leaving the mine to prevent vehicular pollution. HEMMs and other vehicle are maintained properly in the workshops to check vehicular emissions.
viii.	Monitoring of environmental quality parameters shall be carried out through establishment of adequate number and type of pollution monitoring analysis equipment in consultation with the State Pollution Control Board and data got analysed through a laboratory recognised under EPA Rules, 1986.	Monitoring of environmental parameters is carried out on regular basis. Analysis of these parameters is carried out at CMPDIL laboratory having all necessary facilities.
ix.	Personnel working in dusty areas shall wear protective respiratory devices and they shall also be provided with adequate training information on safety and health aspects.	Training and awareness programmes are carried out for the personnel working in dusty areas. All personnel working in such areas are provided mask to protect themselves.
x.	Occupational health surveillance programme of the workers shall be undertaken periodically to observe any contractions due to exposure to dust and to take corrective measures, if needed and records maintained thereof. The quality of environment due to outsourcing and the health and safety issues of the outsourced manpower should be addressed by the company while outsourcing.	20 % of the workforce is covered under Periodical Medical Examinations each year. Details In Annexure-B.
xi.	A separate environmental management cell with suitable qualified personnel shall be set up under the control of a Senior Executive, who will report directly to the Head of the company.	A separate Environment Management Cell with qualified personnel has been established at all the Areas of ECL. The cell report to D(T), P&P of the company through General Manager (Environment & Forests).
xii.	The funds embarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year-wise expenditure shall be reported to this Ministry and its concerned Regional Office.	Funds for environmental protection measures are kept in separate account and the budget is not utilized for any other purpose.
xiii.	The project authorities shall advertise at least in two local newspapers widely circulated around the project, one of which shall be in vernacular language of the locality concerned within seven	All the ECs are published in two local newspapers widely circulated around the project area.

Half Yearly Compliance Report of Cluster No.7, Eastern Coalfields Limited

J-11015/386/2010-IA-II.(M) dt. 16.01.2015


Period of Compliance Report: Oct, 20- Mar, 21

	days of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and may also be seen at the website of the Ministry of Environment, Forests & Climate Change at http://envfor.nic.in	
xiv.	A copy of the environment clearance letter shall be marked to concern Panchayat/Zila Parishad, Municipal Corporation or Urban local body and local NGO, if any, from whom any suggestion/representation has been received while processing the proposal. A copy of the clearance letter shall also be displayed on company's website.	Complied
xv.	A copy of the environment clearance letter shall also be displayed on the website of the concerned State Pollution Control Board. The EC letter shall also be displayed at the Regional Office, district Industry sector and Collector's Office/Tehsildar's office for 30 days	Complied
xvi.	The clearance letter shall be uploaded on the company's website. The compliance status of the stipulated environmental clearance conditions shall also be uploaded by the project authorities on their website and updated at least once every six months so as to bring the same in public domain. The monitoring data of environmental quality parameter (air, water, noise and soil) and critical pollutant such as PM ₁₀ , PM _{2.5} , SO ₂ and NO _x (ambient) and critical sectoral parameters shall also be displayed at the entrance of the project premises and mine office and in corporate office and on company's website.	All the EC letters along with monitoring data and compliance report is uploaded in the company's website which is regularly updated. Company's website: www.easterncoal.gov.in
xvii.	The project proponent shall submit six monthly compliance reports on status of compliance of the stipulated environmental clearance conditions (both in hard copy and in e-mail) to the respective Regional Office of the Ministry, respective Zonal Offices of CPCB and SPCB.	The compliance reports on status of compliance of the stipulated environmental clearance conditions (both in hard copy and in e-mail) shall be submitted six monthly to the respective Regional Office of the Ministry, respective Zonal Offices of CPCB and the SPCB.
xviii.	The Regional Office of this Ministry located in the Region shall monitor compliance of the stipulated conditions. The Project authorities shall extend full cooperation to the office(s) of the Regional Office by furnishing the requisite data/information/monitoring reports.	It is being complied with.
xix.	The Environmental statement for each financial year ending 31 March in Form-V is mandated to be submitted by the project proponent for the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be uploaded on the company's website along with the status of compliance of EC conditions and shall be sent to the respective Regional Offices of the	It is being complied with.

Half Yearly Compliance Report of Cluster No.7, Eastern Coalfields Limited

J-11015/386/2010-IA-II.(M) dt. 16.01.2015

Period of Compliance Report: Oct, 20- Mar, 21

xx.	<p>MoEF&CC by e-mail.</p> <p>Water sprinkling system shall be provided to check fugitive emissions from loading operations, conveyor systems, haulage roads, transfer points, etc. Major approach roads shall be blacktopped and properly maintained.</p>	  <p>Mobile water sprinkling system and Fixed water sprinkling system is provided at loading operations, haulage roads, transfer points etc to check fugitive emission</p>
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ANNEXURE-A

STRICTLY RESTRICTED
FOR COMPANY USE ONLY RESTRICTED

The information given in this report is not to be communicated either directly or indirectly to the press or to any person not holding an official position in the CIL / GOVERNMENT.

**ENVIRONMENT MONITORING REPORT
OF
CLUSTER NO. 7**

(FOR THE MONTH OF JANUARY, 2021)

(SALANPUR AND SRIPUR AREA)

Eastern Coalfields Limited



**Regional Institute-1
Asansol (WB)**



cmpdi
A Mini Ratna Company

ISO 9001: 2015 Certified Company
Environment Laboratory, CMPDIL, RI-I, Asansol

CHAPTER - I

INTRODUCTION

1.0 The environmental monitoring has been carried out as per conditions laid down by MoEF&CC while granting environmental clearance to different projects. CMPDIL has trained manpower and well equipped laboratory to carry out monitoring, analysis and R&D work in the field of environment. Reports have been prepared for submission to MoEF&CC, SPCB and other statutory authorities.



CHAPTER-II AMBIENT AIR QUALITY MONITORING

2.0 Ambient air quality sampling stations: Ambient air quality monitoring stations have been classified in to residential and industrial based on their locations in different clusters of mines. The sampling stations are as described below:

- i) **Barmundia colliery office (7A1):** The sampler was placed at agent office of Barmundia colliery to assess the ambient air quality of industrial area in the core zone where mining activities are in progress.
- ii) **Gobindpur Village (7A2):** The air sampler was placed at Gobindpur village, Asansol. The station was selected to represent the present ambient air quality status in residential area of buffer zone of Chakballavpur Colliery.
- iii) **Adjoy II Colliery (7A3):** The sampler was placed at Adjoy II colliery to assess the ambient air quality of industrial area in the core zone where mining activities are in progress.
- iv) **Bhanora West Block Colliery (7A4):** The sampler was placed in Bhanora West Block Incline. This site was selected to assess the present ambient air quality status in industrial area of core zone of Bhanora West Block Incline.

2.1 Methodology of sampling and analysis: The air quality sampling stations have been chosen keeping in view predominant wind direction and have been classified as permanent, pre monsoon (April – September) & post monsoon (October – March) air sampling stations. Particulate Matter (PM₁₀), Fine Particulate Matter (PM_{2.5}), Sulphur Dioxide (SO₂) and Oxides of Nitrogen (NO_x) are monitored on fortnight basis. Heavy metals like Arsenic (As), Cadmium (Cd), Chromium (Cr), Mercury (Hg), Nickel (Ni) and Lead (Pb) are monitored half yearly.

The Respirable Suspended Particulate Matter (RSPM) Sampler & PM_{2.5} Sampler machines are used for sampling of ambient air. The samples are collected and transported to Environmental Laboratory of CMPDI, RI-I, Asansol for analysis work.

2.2 Results & Interpretations: In industrial area PM₁₀ varies from 96.2 to 158.9 µg/m³ & in residential area from 96.0 to 96.4 µg/m³. In industrial area PM_{2.5} varies from 35.8 to 49.2 µg/m³ & in residential area from 34.9 to 35.2 µg/m³. In industrial area & in residential area SO₂ is below 10 µg/m³. In industrial area NO_x varies from 16.1 to 18.0 µg/m³ & in residential area from 15.4 to 15.6 µg/m³.



AMBIENT AIR QUALITY DATA

Name of the Customer: Eastern Coalfield Limited, Borachak House, P.O.-Sitarampur, Distt.-Paschim Bardhaman, West Bengal

First fortnight:

Station Code	Station Name	Category of station	Date of Sampling	Parameter	Analytical Results ($\mu\text{g}/\text{m}^3$)	Name of method	Detection limit ($\mu\text{g}/\text{m}^3$)
7A1	Barmundia colliery office	Industrial	7-Jan-21	PM ₁₀	138.9	IS 5182 (Part 23): 2017	3.5
				PM _{2.5}	45.6	IS 5182 (Part 24): 2019	2.0
				SO ₂	BDL	IS 5182 (Part 2): 2017	10
				NO _x	16.4	IS 5182 (Part 6): 2017	10
7A2	Gobindpur Village	Residential	13-Jan-21	PM ₁₀	96.0	IS 5182 (Part 23): 2017	3.5
				PM _{2.5}	34.9	IS 5182 (Part 24): 2019	2.0
				SO ₂	BDL	IS 5182 (Part 2): 2017	10
				NO _x	15.4	IS 5182 (Part 6): 2017	10
7A3	Adjoy II Colliery	Industrial	13-Jan-21	PM ₁₀	96.2	IS 5182 (Part 23): 2017	3.5
				PM _{2.5}	35.8	IS 5182 (Part 24): 2019	2.0
				SO ₂	BDL	IS 5182 (Part 2): 2017	10
				NO _x	16.1	IS 5182 (Part 6): 2017	10
7A4	Bhanora West Block Colliery	Industrial	13-Jan-21	PM ₁₀	143.8	IS 5182 (Part 23): 2017	3.5
				PM _{2.5}	46.8	IS 5182 (Part 24): 2019	2.0
				SO ₂	BDL	IS 5182 (Part 2): 2017	10
				NO _x	17.9	IS 5182 (Part 6): 2017	10



Second fortnight:

Station Code	Station Name	Category of station	Date of Sampling	Parameter	Analytical Results ($\mu\text{g}/\text{m}^3$)	Name of method	Detection limit ($\mu\text{g}/\text{m}^3$)
7A1	Barmundia colliery office	Industrial	29-Jan-21	PM ₁₀	152.6	IS 5182 (Part 23): 2017	3.5
				PM _{2.5}	46.3	IS 5182 (Part 24): 2019	2.0
				SO ₂	BDL	IS 5182 (Part 2): 2017	10
				NO _x	17.4	IS 5182 (Part 6): 2017	10
7A2	Gobindpur Village	Residential	29-Jan-21	PM ₁₀	96.4	IS 5182 (Part 23): 2017	3.5
				PM _{2.5}	35.2	IS 5182 (Part 24): 2019	2.0
				SO ₂	BDL	IS 5182 (Part 2): 2017	10
				NO _x	15.6	IS 5182 (Part 6): 2017	10
7A3	Adjoy II Colliery	Industrial	29-Jan-21	PM ₁₀	96.7	IS 5182 (Part 23): 2017	3.5
				PM _{2.5}	35.9	IS 5182 (Part 24): 2019	2.0
				SO ₂	BDL	IS 5182 (Part 2): 2017	10
				NO _x	16.3	IS 5182 (Part 6): 2017	10
7A4	Bhanora West Block Colliery	Industrial	29-Jan-21	PM ₁₀	158.9	IS 5182 (Part 23): 2017	3.5
				PM _{2.5}	49.2	IS 5182 (Part 24): 2019	2.0
				SO ₂	BDL	IS 5182 (Part 2): 2017	10
				NO _x	18.0	IS 5182 (Part 6): 2017	10

Environmental Standards for Ambient Air Quality (AAQ):

Station Category	Environmental standard for Raniganj Coalfield vide MOEF, Govt. of India, Gazette Notification No. GSR 742 (E) dated 25.09.2000 for 24 hourly samples at 500 meters from dust generating point			National Ambient Air Quality Standards (NAAQS), 2009 for industrial, residential and rural areas for 24 hours samples	
	Pollutant Concentration ($\mu\text{g}/\text{m}^3$)				
		PM ₁₀	SO ₂	NO _x	PM _{2.5}
Industrial	300.0	120.0	120.0	60.0	
Residential	100.0	80.0	80.0		



CHAPTER – III WATER QUALITY MONITORING

3.1 Mine water sampling stations:

i) **Bhanora West UG (7MW2):** This location has been selected to monitor the discharge quality of mine effluent to natural surface streams

3.2 Methodology of sampling and analysis:

The water samples are collected as per standard practice and transported to environment laboratory for analysis work.

The mine water samples are collected and analysed for five parameters on fortnightly basis except during the month of March and September when mine water samples are analysed for 29 parameters.

The ground water samples were collected and analysed for 26 parameters during the month of May. Drinking water samples are collected and analysed during the month of March and September.

3.3 Results & Interpretations:

The results are given in tabular form along with the applicable standards. Results are compared with General Standards for Discharge of Effluent (Schedule VI) in case of effluent/mine water sample and compared with IS.10500: 2012 in case of drinking/ground water samples.

First fortnight:

Sl. No.	Parameters	Analytical results (mg/l)	General Standards for Discharge of Effluent (Schedule VI)	Name of Method	Detection Limit (mg/l)
	Station Code	7MW2			
	Date of sampling	15-Jan-21			
1	pH value	7.50	5.5 - 9.0	IS 3025 (Part 11):2017	0.01
2	TSS	18.0	100	IS 3025 (Part 17):2017	10.0
3	TDS	570	Not specified	IS 3025 (Part 16): 2017	25.0
4	Oil & Grease	BDL	10	IS 3025 (Part 39): 2019	2.0
5	COD	40	250	APHA, 5220 C: 22 nd Edition	4.0

Second fortnight:

Sl. No.	Parameters	Analytical results (mg/l)	General Standards for Discharge of Effluent (Schedule VI)	Name of Method	Detection Limit (mg/l)
	Station Code	7MW2			
	Date of sampling	25-Jan-21			
1	pH value	7.05	5.5 - 9.0	IS 3025 (Part 11):2017	0.01
2	TSS	19.2	100	IS 3025 (Part 17):2017	10.0
3	TDS	546	Not specified	IS 3025 (Part 16): 2017	25.0
4	Oil & Grease	BDL	10	IS 3025 (Part 39): 2019	2.0
5	COD	24	250	APHA, 5220 C: 22 nd Edition	4.0

*BDL-Below Detection Limit

All values are expressed in mg/l except pH.



Ground water level for the month of January, 2021

Sl. No.	Station Code	Location of Dugwell	Date of measurement	Water level (in Meters) Below Ground Level	MP (m)	Depth (m)	Dia (m)	Owner	Utility
1	7GWL1	Dugwell at Janardan Sayer village near Lalganj Hatia	26-Jan-21	2.60	0.82	10.8	1.2	Panchayat	Domestic
2	7GWL2	Dugwell at Bhanora village main road side Mahadeb Smritinilay	26-Jan-21	3.10	0.4	12.3	2	Private	Domestic
3	7GWL3	Dugwell at Gobindpur village, backside of Biswanath weigh bridge	26-Jan-21	5.45	0.55	12.6	1.2	Private	Domestic



Piezometer water level for the month of January, 2021

3.4 **Location of Piezometer sites and their rationale:** Total 30 nos. of piezometers have been constructed by ECL at different locations in clusters and standalone projects for measurement of ground water level.

Ground water level is measured in all piezometers on quarterly basis to assess the impact of mining activities on ground water level. The following piezometer has been constructed in cluster 7:

- i) **Sripur (West Bhanora Colliery) (7/SR/BP-02):** A piezometer has been constructed to measure the ground water level at West Bhanora Colliery campus, Sripur Area of cluster no 7.

Sl. No.	Station Code	Location of Piezometer	Date of measurement	Water level (in Meters) Below Ground Level
1	7/SR/BP-02	Sripur (West Bhanora)	27-Jan-21	13.35

ANNEXURE-B

ECL

Eastern Coalfields Limited
(A subsidiary of Coal India Limited)
ईस्टर्न कोलफील्ड्स लिमिटेड
(कोल इंडिया का एक अंग)



Office of the
Chief of Medical Services
Sanctoria, ECL (HQ)
Dishergarh, Burdwan 713333
Ph. No. 0341-2520813

Ref. No:- ECL/C-5 (E)/CMS(I/C)HQ/PME/21/ 0002

Date: 10-03-2021

To
The GM (T&MS)/TS to CMD
ECL, Sanctoria

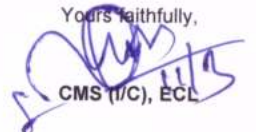
Sub: IME/PME report for the month of February 2021

Dear Sir,
Please find the IME/PME Performance Report for the Month of February 2021 as per the records received from respective area PME Centres and two Central Hospitals of ECL as mentioned below:

Sl. No.	Name of the PME Centre (Cov Area)	Periodical Medical Examination (PME) of Company Workers February 2021					Initial Medical Examination (IME) before employment as Company Workers February 2021		PME/IME of Contractual Worker February 2021			
		PME Yearly Target for 2021 (1/5th of the total manpower)	PME Achievement Above 45 yrs	PME Achievement Below 45 yrs	Total Achievement	Cumulative upto Feb-21	IME Company workers	Cumulative upto Feb-21	PME Contractor worker	Cumulative upto Feb-21	IME Contractor worker	Cumulative upto Feb-21
1	CMD Office + HRD Office + Sanctoria Hospital+ ECL Sales Office + Pipe Line/Transit + Sodepur Central Store + Sodepur Central Workshop + Neamatpur Workshop + Mines Rescue Station Sitarampur	364			0	2		7		0		0
2	Central Hospital Kalla	79	7		7	7	0	0	0	0	0	0
3	Bankola Area + Ukhra Workshop	1323	23	17	40	136	5	14	10	12	10	31
4	Jhanjra Area	587	31	11	42	100	5	12	5	5	86	135
5	Kajora Area + JK Ropeway	1178	68	27	95	189	0	6	0	1	0	0
6	Kenda Area	986	26	19	45	125	0	0	10	17	0	3
7	Kunustoria Area	1014	31	19	50	99	0	0	0	0	7	15
8	Mugma Area + Mugma Workshop + BEFW	949	46	28	74	141	0	4	1	7	7	7
9	Pandaveswar Area	939	45	11	56	81	6	11	37	75	0	11
10	Rajmahal Area	436	69	59	128	228	6	14	0	0	9	16
11	Salanpur Area	252	2	1	3	3	4	15	2	2	0	0
12	Satgram Area + Ratibati Workshop	1074	74	26	100	153	10	10	2	2	0	0
13	Sodpeur Area	1041	73	7	80	128	10	10	0	0	0	0
14	Sonepur Bazari Area	281	4		4	4	0	3	0	0	0	0
15	SP Mines Area	205	4	4	8	24	10	13	0	0	0	0
16	Sripur Area + Ponihati Workshop	397	4	2	6	46	3	6	0	0	0	0
TOTAL		11104	507	231	738	1466	59	125	67	121	119	218

This for your kind information and necessary action.

Yours faithfully,


CMS (I/C), ECL

Copy to through email:
CGM/GM all Area, CMS (I/C) CH Kalla, Sanctoria Hospital
GM, Safety, ECL, HQ
TS to D(T) OP, TS to DT(P&P) TS to D(P), ECL
CMO, ECL HQ with all office papers.

ECL

Eastern Coalfields Limited
(A subsidiary of Coal India Limited)
ईस्टर्न कोलफील्ड्स लिमिटेड
(कोल इंडिया का एक अंग)



Office of the
Chief of Medical Services
Sanctoria, ECL (HQ)
Dishergarh, Burdwan 713333
Ph. No. 0341-2520813

Ref. No:- ECL/C-5 (E)/CMS(I/C)HQ/PME/21/ 0809

Date: 09-04-2021

To
The GM (T&MS)/TS to CMD
ECL, Sanctoria

Sub: IME/PME report for the month of March 2021

Dear Sir,

Please find the IME/PME Performance Report for the Month of March 2021 as per the records received from respective area PME Centres and two Central Hospitals of ECL as mentioned below:

Sl. No.	Name of the PME Centre (Cov Area)	Periodical Medical Examination (PME) of Company Workers March 2021					Initial Medical Examination (IME) before employment as Company Workers March 2021		PME/IME of Contractual Worker March 2021			
		PME Yearly Target for 2021 (1/5th of the total manpower)	PME Achievement Above 45 yrs	PME Achievement Below 45 yrs	Total Achievement	Cumulative upto Mar-21	IME Company workers	Cumulative upto Mar-21	PME Contractor worker	Cumulative upto Mar-21	IME Contractor worker	Cumulative upto Mar-21
1	CMD Office + HRD Office + Sanctoria Hospital+ ECL Sales Office + Pipe Line/Transit + Sodepur Central Store + Sodepur Central Workshop + Neamatpur Workshop + Mines Rescue Station Sitarampur	364	2	2	4	6	0	7	0	0	0	0
2	Central Hospital Kalla	79	1	8	9	16	0	0	0	0	14	14
3	Bankola Area + Ukhra Workshop	1323	89	29	118	254	4	18	7	19	0	31
4	Jhanjra Area	587	69	19	88	188	1	13	0	5	82	217
5	Kajora Area + JK Ropeway	1178	107	46	153	342	5	11	4	5	0	0
6	Kenda Area	986	66	21	87	212	0	0	2	19	0	3
7	Kunustoria Area	1014	45	34	79	178	18	18	0	0	0	15
8	Mugma Area + Mugma Workshop + BEFW	949	28	55	83	224	12	16	3	10	0	7
9	Pandaveswar Area	939	23	11	34	115	6	17	38	113	0	11
10	Rajmahal Area	436	0	0	0	228	9	23	0	0	10	26
11	Salanpur Area	252	8	4	8	11	0	15	1	3	0	0
12	Satgram Area + Ratibati Workshop	1074	118	28	146	299	10	20	34	36	0	0
13	Sodepur Area	1041	128	13	141	269	7	17	24	24	0	0
14	Sonepur Bazar Area	281	5	3	8	12	2	5	0	0	0	0
15	SP Mines Area	205	12	8	20	44	1	14	0	0	0	0
16	Sripur Area + Ponihati Workshop	397	25	6	31	77	11	17	0	0	0	0
	TOTAL	11104	726	287	1009	2475	86	211	113	234	106	324

This for your kind information and necessary action.

Yours faithfully,

CMS (I/C), ECL
09/04/2021

Copy to through email:
CGM/GM all Area, CMS (I/C) CH Kalla, Sanctoria Hospital
GM, Safety, ECL, HQ
TS to D(T) OP, TS to DT(P&P) TS to D(P), ECL
CMO, ECL HQ with all office papers.

ECL

Eastern Coalfields Limited
(A subsidiary of Coal India Limited)
ईस्टर्न कोलफील्ड्स लिमिटेड
(कोल इंडिया का एक अंग)



Office of the
Chief of Medical Services
Sanctoria, ECL (HQ)
Dishergarh, Burdwan 713333
Ph. No. 0341-2520813

Ref. No:- ECL/C-5 (E)/CMS(I/C)HQ/PME/21/ 0001

Date: 03-02-2021

To The CGM(T&MS)/TS to CMD
ECL, Sanctoria

Sub: IME/PME report for the month of January 2021

Dear Sir,

Please find the IME/PME Performance Report for the Month of January -2021 as per the records received from respective area PME Centres and two Central Hospitals of ECL as mentioned below:

Sl. No.	Name of the PME Centre (Cov Area)	Periodical Medical Examination (PME) of Company Workers January 2021					Initial Medical Examination (IME) before employment as Company Workers January 2021		PME/IME of Contractual Worker January 2021			
		PME Yearly Target for 2021 (1/5th of the total manpower)	PME Achievement Above 45 yrs	PME Achievement Below 45 yrs	Total Achievement	Cumulative upto Jan-21	IME Company workers	Cumulative upto Jan-21	PME Contractor worker	Cumulative upto Jan-21	IME Contractor worker	Cumulative upto Jan-21
1	CMD Office + HRD Office + Sanctoria Hospital+ ECL Sales Office + Pipe Line/Transit + Sodepur Central Store + Sodepur Central Workshop + Neamatpur Workshop + Mines Rescue Station Sitarampur	364	2	0	2	2	7	7	0	0	0	0
2	Central Hospital Kalla	79	0	0	0	0	0	0	0	0	0	0
3	Bankola Area + Ukhra Workshop	1323	70	26	96	96	9	9	2	2	21	21
4	Jhanjra Area	587	47	11	58	58	7	7	0	0	49	49
5	Kajora Area + JK Ropeway	1178	71	23	94	94	6	6	1	1	0	0
6	Kenda Area	986	57	23	80	80	0	0	7	7	3	3
7	Kunustoria Area	1014	33	16	49	49	0	0	0	0	8	8
8	Mugma Area + Mugma Workshop + BEFW	949	46	21	67	67	4	4	6	6	0	0
9	Pandaveswar Area	939	15	10	25	25	5	5	38	38	11	11
10	Rajmahal Area	436	49	51	100	100	8	8	0	0	7	7
11	Salanpur Area	252	0	0	0	0	11	11	0	0	0	0
12	Satgram Area + Ratibati Workshop	1074	39	14	53	53	0	0	0	0	0	0
13	Sodpeur Area	1041	42	6	48	48	0	0	0	0	0	0
14	Sonepur Bazari Area	281	0	0	0	0	3	3	0	0	0	0
15	SP Mines Area	205	9	7	16	16	3	3	0	0	0	0
16	Sripur Area + Ponihati Workshop	397	36	4	40	40	3	3	0	0	0	0
TOTAL		11104	516	212	728	728	66	66	54	54	99	99

This for your kind information and necessary action.

Yours faithfully,

Heelika
03/02/2021
CMS (I/C), ECL

Copy to through email:
CGM/GM all Area, CMS (I/C) CH Kalla, Sanctoria Hospital
GM, Safety, ECL,HQ
TS to D(T) OP, TS to DT(P&P) TS to D(P), ECL
CMO, ECL HQ with all office papers.

ECL

Eastern Coalfields Limited
(A subsidiary of Coal India Limited)
ईस्टर्न कोलफील्ड्स लिमिटेड
(कोल इंडिया का एक अंग)



Office of the
Chief of Medical Services
Sanctoria, ECL (HQ)
Dishergarh, Burdwan 713333
Ph. No. 0341-2520813

Ref. No:- ECL/C-5 (E)/CMS(I/C)HQ/PME/20/ 0010

Date: 02-01-2021

To
The CGM (T & MS) /TS to CMD
ECL, Sanctoria

Sub: IME/PME report for the month of December 2020

Dear Sir,

Please find the IME/PME Performance Report for the Month of November -2020 as per the records received from respective area PME Centres and two Central Hospitals of ECL as mentioned below:

Sl. No.	Name of the PME Centre (Cov Area)	Periodical Medical Examination (PME) of Company Workers December 2020					Initial Medical Examination (IME) before employment as Company Workers December 2020		PME/IME of Contractual Worker December 2020			
		PME Yearly Target for 2020 (1/5th of the total manpower)	PME Achievement Above 45 yrs	PME Achievement Below 45 yrs	Total Achievement	Cumulative upto Dec-20	IME Company workers	Cumulative upto Dec-20	PME Contractor worker	Cumulative upto Dec-20	IME Contractor worker	Cumulative upto Dec-20
1	CMD Office + HRD Office + Sanctoria Hospital+ ECL Sales Office + Pipe Line/Transit + Sodepur Central Store + Sodepur Central Workshop + Neamatpur Workshop + Mines Rescue Station Sitarampur	382	2	3	5	116	9	54	0	0	0	0
2	Central Hospital Kalla	82	18	27	45	66	0	0	0	0	0	0
3	Bankola Area + Ukhra Workshop	1370	126	102	228	1192	4	48	0	96	6	131
4	Jhanjra Area	612	64	15	79	627	3	13	0	9	1	51
5	Kajora Area + JK Ropeway	1214	89	27	116	1272	3	39	0	28	0	0
6	Kenda Area	1022	84	58	142	1051	0	12	1	50	0	9
7	Kunustoria Area	1072	51	34	85	812	4	26	7	12	0	74
8	Mugma Area + Mugma Workshop + BEFW	992	45	32	77	666	0	29	0	35	0	5
9	Pandaveswar Area	969	24	89	113	1031	5	35	2	164	0	47
10	Rajmahal Area	441	2	26	28	443	5	75	0	127	37	457
11	Salanpur Area	270	19	11	30	178	12	49	0	0	0	0
12	Satgram Area + Ratibati Workshop	1119	271	103	374	930	4	57	11	35	0	14
13	Sodpeur Area	1107	71	10	81	924	0	2	0	47	0	26
14	Sonepur Bazari Area	296	0	0	0	103	3	18	0	0	0	37
15	SP Mines Area	207	9	12	21	200	2	12	0	27	0	0
16	Sripur Area + Ponihati Workshop	427	49	12	61	439	2	61	0	0	0	13
TOTAL		11582	924	561	1485	10050	56	530	21	630	44	864

This for your kind information and necessary action.

Yours faithfully,

Handwritten signature
CMS (I/C), ECL

Copy to through email:
CGM/GM all Area, CMS (I/C) CH Kalla, Sanctoria Hospital
GM, Safety, ECL, HQ
TS to D(T) OP, TS to DT(P&P) TS to D(P), ECL
CMO, ECL HQ with all office papers.

ECL

Eastern Coalfields Limited
(A subsidiary of Coal India Limited)
ईस्टर्न कोलफील्ड्स लिमिटेड
(कोल इंडिया का एक अंग)



Office of the
Chief of Medical Services
Sanctoria, ECL (HQ)
Dishegarh, Burdwan 713333
Ph. No. 0341-2520813

Ref. No.:- ECL/C-5 (E)/CMS(I/C)HQ/PME/20/ 0009.

Date: 10-12-2020

To
The CGM (T & MS) /TS to CMD
ECL, Sanctoria

Sub: IME/PME report for the month of November 2020

Dear Sir,

Please find the IME/PME Performance Report for the Month of November -2020 as per the records received from respective area PME Centres and two Central Hospitals of ECL as mentioned below:

Sl. No.	Name of the PME Centre (Cov Area)	Periodical Medical Examination (PME) of Company Workers November 2020					Initial Medical Examination (IME) before employment as Company Workers November 2020		PME/IME of Contractual Worker November 2020			
		PME Yearly Target for 2020 (1/5th of the total manpower)	PME Achievement Above 45 yrs	PME Achievement Below 45 yrs	Total Achievement	Cumulative upto Nov-20	IME Company workers	Cumulative upto Nov-20	PME Contractor worker	Cumulative upto Nov-20	IME Contractor worker	Cumulative upto Nov-20
1	CMD Office + HRD Office + Sanctoria Hospital+ ECL Sales Office + Pipe Line/Transit + Sodepur Central Store + Sodepur Central Workshop + Neamatpur Workshop + Mines Rescue Station Sitarampur	382			0	111	9	45		0		0
2	Central Hospital Kalla	82			0	21		0		0		0
3	Bankola Area + Ukhra Workshop	1370	41	28	69	964	5	44	16	96		125
4	Jhanjra Area	612	63	30	93	548		10	9	9		50
5	Kajora Area + JK Ropeway	1214	79	35	114	1156	7	36	3	28	0	0
6	Kenda Area	1022	110	37	147	909		12	6	49		9
7	Kunustoria Area	1072	42	28	70	727		22		5	7	74
8	Mugma Area + Mugma Workshop + BEFW	992	58	29	87	589		29		35		5
9	Pandaveswar Area	969	35	27	62	918	6	30		162	11	47
10	Rajmahal Area	441	28	18	46	415	7	70		127	181	420
11	Salanpur Area	270			0	148	6	37		0		0
12	Satgram Area + Ratibati Workshop	1119	46	23	69	556	0	53	17	24	7	14
13	Sodpeur Area	1107	61	4	65	843		2		47	21	26
14	Sonepur Bazari Area	296			0	103	2	15		0		37
15	SP Mines Area	207	32	18	50	179	1	10		27		0
16	Sripur Area + Ponihati Workshop	427	52	7	59	378	19	59		0		13
TOTAL		11582	647	284	931	8565	62	474	51	609	227	820

This for your kind information and necessary action.

Yours faithfully,

Handwritten signature
CMS (I/C), ECL 10/12/20

Copy to through email:
CGM/GM all Area, CMS (I/C) CH Kalla, Sanctoria Hospital
GM, Safety, ECL, HQ
TS to D(T) OP, TS to DT(P&P) TS to D(P), ECL
CMO, ECL HQ with all office papers.

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Office of the
Chief of Medical Services
Sanctoria, ECL (HQ)
Dishergarh, Burdwan 713333
Ph. No. 0341-2520813

Ref. No:- ECL/C-5 (E)/CMS(I/C)HQ/PME/20/ 0007.

Date: 05-11-2020

To
The CGM (T & MS) /TS to CMD
ECL, Sanctoria

Sub: IME/PME report for the month of October 2020

Dear Sir,

Please find the IME/PME Performance Report for the Month of October -2020 as per the records received from respective area PME Centres and two Central Hospitals of ECL as mentioned below:

Sl. No.	Name of the PME Centre (Cov Area)	Periodical Medical Examination (PME) of Company Workers October 2020					Initial Medical Examination (IME) before employment as Company Workers October 2020		PME/IME of Contractual Worker October 2020			
		Monthly Target	PME Achievement Above 45 yrs	PME Achievement Below 45 yrs	Total Achievement	Cumulative upto Oct-20	IME Company workers	Cumulative upto Sept -20	PME Contractor worker	Cumulative upto Oct-20	IME Contractor worker	Cumulative upto Oct-20
1	CMD Office + HRD Office + Sanctoria Hospital+ ECL Sales Office + Pipe Line/Transit + Sodepur Central Store + Sodepur Central Workshop + Neamatpur Workshop + Mines Rescue Station Sitarampur	32	0	0	0	111	7	36	0	0	0	0
2	Central Hospital Kalla	7	1	0	1	21	0	0	0	0	0	0
3	Bankola Area + Ukhra Workshop	114	55	13	68	895	10	39	0	80	17	125
4	Jhanjra Area	51	68	14	82	455	0	10	0	0	15	50
5	Kajora Area + JK Ropeway	101	53	15	68	1042	0	29	0	25	0	0
6	Kenda Area	85	90	45	135	762	0	12	6	43	0	9
7	Kunustoria Area	89	22	17	39	657	0	22	4	5	0	67
8	Mugma Area + Mugma Workshop + BEFW	83	49	25	74	502	6	29	5	35	0	5
9	Pandaveswar Area	81	61	23	84	856	4	24	12	162	30	36
10	Rajmahal Area	37	38	35	73	369	5	63	0	127	86	239
11	Salanpur Area	23	26	8	34	148	8	31	0	0	0	0
12	Satgram Area + Ratibati Workshop	93	56	0	56	487	0	53	0	7	0	7
13	Sodepur Area	92	74	0	74	778	0	0	0	47	0	5
14	Sonepur Bazari Area	25	0	0	0	103	2	13	0	0	0	37
15	SP Mines Area	17	22	12	34	129	9	9	0	27	0	0
16	Sripur Area + Ponihati Workshop	36	44	10	54	319	2	40	0	0	0	13
TOTAL		965	659	217	876	7634	53	410	27	558	148	593

This for your kind information and necessary action.

Yours faithfully,

Handwritten signature
CMS (I/C), ECL 05/11/2020

Copy to through email:
CGM/GM all Area, CMS (I/C) CH Kalla, Sanctoria Hospital
GM, Safety, ECL, HQ
TS to D(T) OP, TS to DT(P&P) TS to D(P), ECL
CMO, ECL HQ with all office papers.