



बीसीसीएल
BCCL

भारत कोकिंग कोल लिमिटेड
Bharat Coking Coal Limited

भारत कोकिंग कोल लिमिटेड

(कोल इन्डिया लिमिटेड की एक अनुषंगी कंपनी)

Bharat Coking Coal Limited

(A Subsidiary of Coal India Limited)

(एक मिनिरात कंपनी / A Miniratna Company)

(भारत सरकार का उपक्रम/A Government of India Undertaking)

Office of The General Manager, Kusunda Area

Ref No. BCCL/KA-6/GM/2025-26/ 193 .

Date: 28-11-2025

To,

The Director(s)

Ministry of Environment, Forest and Climate Change (MoEFCC),

(Govt. of India)

Regional Office (ECZ),

Bungalow No. A-2,

Shyamali Colony,

Ranchi - 834002

Sub : Six monthly compliance report on Environmental Clearance Conditions for the period from April'2024 to September'2025 in respect of Cluster-VI Group of mines, EC order no.: EC order no.: J-11015/183/2011-1A.II (M), dated 26-08-2013

Dear Sir,

Enclosed please find herewith six monthly compliance report on environmental clearance conditions for the period from **April '2025 to September'2025** in respect of **Cluster-VI** Group of mines, **EC order no.: J-11015/183/2011-1A.II (M), dated 26-08-2013** for your kind perusal.

With regards, ,


General Manager
Kusunda Area, BCCL

महाप्रबन्धक
General Manager
कुसुण्डा क्षेत्र/ Kusunda Area

COMPLIANCE OF EC CONDITIONS of CLUSTER-VI

EC order no.: J-11015/183/2011-1A.II (M), dated 26-08-2013

(April 2025 to September 2025)

Sl. No.	A. Specific Conditions by MOEF:	Compliance
i	The maximum production from the two opencast section in the cluster shall not exceed beyond that for which environmental clearance has been granted.	Complied. The production from the cluster is within the limit for which environmental clearance has been granted. The production of previous financial year is enclosed as Annexure - 1 .
ii	The two nallahs passing through the mines should be preserved and made functional to drain the water.	Complied. Every year, before monsoon the nallas are cleaned to ensure proper drainage and smooth flow of water. Picture-1
iii	The coal transport to the siding will continue by road to the siding within 2 km with pay loader loading into Rly. Wagons for a period of 5 years by which time the proposed silo in Rly. Siding not being affected in the Jharia Action Plan will be constructed for RLS loading into railway wagons.	Complied. Presently coal transportation has been done by trucks with tarpaulin cover. Covering of truck has been made mandatory in the transportation contract. Picture - 2 Avenue Plantation has been done along the roads and it shall be continuously carried out as per availability of space. Picture - 3
iv	As subsidence is on higher side in Godhur colliery, special attention should be given for control and monitoring of subsidence.	Complied. Regular periodic subsidence monitoring is being done at underground mines.
v	All old dumps will be filled back in mine voids. At the end of mining there should not be any OBD and should be only one void which shall not exceed 30 m deep.	Complied. Backfilling process in abandoned pits and voids are continuously carried out along with the mining operation. Abandoned Pits may be utilized for Pisciculture in Post Mining Phase.
vi	An increase in the CSR	Complied. It is being complied. BCCL is implementing CSR activities from HQ. A separate department of CSR is engaged for the said work. Annual report is available on BCCL Website. Additionally, PAFs are being trained and placed in jobs through CIPET, Ranchi. Annexure - 2
vii	Dhanbad Action Plan, as CEPI, be implanted where ever is applicable.	Complied. Dhanbad Action Plan has been prepared in consultation with Jharkhand State Pollution Control Board for entire BCCL and it is being implemented comprehensively for all the mines of BCCL including mines of Kusunda Area.
viii	Since the cluster is situated close to Dhanbad, thick green belt and residential areas should be done along the periphery of ML area. Avenue-plantation should be done along the roads which are used for coal transport and measures to arrest coal dust while transporting by covering the trucks and water sprinkling measures etc.	Complied. Plantation at de-coaled OB dump area is already being executed for development of green belts as per EC. Adequate water sprinkling is being done at coal transportation road regularly by mobile water sprinklers, and coal transportation is being done by covering trucks by tarpaulin as measures to control dust pollution. Picture – 2 & 4

		At degraded OB dumps at Gondudih Eco-restoration Park has been developed. Enclosed as Annexure – 3 and Picture-6
ix	Whereas laudable efforts have been made in drawing skill development programmes along with Planning Commission of Gol, all out efforts should be made to ensure that they are suitably employed either with the PP or elsewhere.	Complied. Company is organizing training on regular basis through Vocational Training Centre and Human Resource Department. Annexure – 4.
x	The measure to identify in the Environmental Plan for Cluster- VI groups of mine and the conditions given in this environmental clearance letter shall be dovetailed to the implementation of the Jharia Action Plan.	Being Complied. Master Plan activities are dovetailed with compliance of environmental clearance conditions. The master plan deals with fire control and rehabilitation activities of fire affected areas in the leasehold of BCCL. By implementing complete digging out of fiery seams with water spraying in force as fire control measures fire affected areas are being prevented. Further rehabilitation of the families from the fire endangered area to the safe places is being taken-up with the help of JRDA. The Master plan is being implemented for BCCL as per the prioritization of fire and rehabilitation activities in approved Master Plan. The brief status of Rehabilitation and Fire control measures are enclosed Annexure-5.
xi	The proponent shall prepare time -series maps of the Jharia Coalfields through NRSA to monitor and prevent fire problems in the Jharia Coalfields by Isothermal mapping /imaging and monitoring temperatures of the coal seams (whether they are close to spontaneous ignition temperatures) and based on which, areas with potential fire problems shall be identified. Measures to prevent ingress of air (Ventilation) in such areas, to prevent restart fresh/spread fires in other areas including in mines of cluster VI shall be undertaken. Expertise available internationally could also be utilized for control of fire in Jharia Coalfields and for their reclamation and to further minimize time for fire and subsidence control. Isothermal mapping using thermal imaging has been got done by NRSA. Measures would be taken to prevent ingress of air (ventilation) in such areas, which may re-start fresh fires	Complied. Land Use Map of Cluster VI has been prepared by CMPDIL using remote sensing data for monitoring of land use pattern and for post mining land use. The latest report as submitted by NRSC in this regard is attached below. Annexure - 6 Action is being taken as per Jharia Master Plan approved by GOI and State Govt. of Jharkhand. Excavation/ Open Cast mining is being done in the fire/subsidence affected mines to dig out combustible materials to save the coal from burning and to prevent further spread of the fire. Old UG Workings have been sealed off to prevent ingress of Air in other areas. Global Expression of Interest had been opened for the international experts/ firms/ consultants/ agencies to deal with coal mine fire in Jharia Coalfield with vision of reclamation, further minimization of spread of fire & subsidence control for which no bidder has qualified to take up the work. Enclosed as Annexure-7.

		Recommendations of NRSC is being implemented to control fire in JCF.
xii	Underground mining should be taken up after completion of reclamation of Opencast mine area.	It shall be complied.
xiii	The OB material should be crushed like sand and be used for stowing in underground mines.	It shall be complied. Scope for OB to sand conversion is being explored.
xiv	A detailed calendar plan of production with plan for OB dumping and backfilling (for OC mines) and reclamation and final mine closure plan for each mine of cluster-VI shall be drawn up and implemented. The schedule of backfilling should be clearly brought out and submit the same to MoEF.	Complied. Mining operation is being done as per approved Calendar Plan. Mine closure plan as per the guidelines of Ministry of Coal has been prepared by Central Mine Planning and Design Institute (CMPDI). Progressive mine closure activities is being implemented regularly as per approved Mine Closure Plan considering present geo-mining conditions.
xv	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.	Complied. Mining is being done as per the guidelines and permissions of Directorate General of Mines Safety (DGMS) in accordance with Coal Mines Regulation, 2017. Embankment has been constructed in some areas and further embankments shall be constructed. Picture – 5.
xvi	No mining shall be undertaken where underground fires continue. Measure shall be taken to prevent/check such fire including in old OB dump areas where the fire could start due to presence of coal/shale with sufficient carbon content.	Complied. Action is being taken to control, mine fires as specified in Jharia Master Plan and the mining is being done as per the guidelines and permissions of Directorate General of Mines Safety (DGMS).
xvii	There shall be no internal OB dumps. There will be 8 external OB Dumps covering an area of 32.84 Ha. The height of the dumps shall be 16 m and the total quantity shall be of 5.247 Mm ³ . The final mine voids will have an area of 66.76 ha (Filled up with water). With depth of 25 m bgl. The entire mined out area shall be re-vegetated. Areas where opencast mining was carried out and completed shall be reclaimed immediately thereafter. It was observed that most of the OB are reclaimed total area 441.24 ha at the end of mining where reclaimed external OB dump 32.84 ha and internal OB Dump 120.34 ha. Green Belt over an area of 66.12 ha. Density of tree plantation 2500 trees/ ha of plants which of and abandoned. The proponent should dump all the OB material in abandoned mines.	Complied. Action is being taken as specified in EMP. Backfilling of OB is going on concurrent with mining and at the end of mining activity the area will be re-vegetated and reclaimed as per EMP. Plantation work have already been done with the help of DFO, Dhanbad. Also finalized Dump has been reclaimed and Eco-Restoration Site has been created. Picture – 6.

xviii	Mining shall be carried out as per statuette from the streams/nalas flowing within the lease and maintaining a safe distance from the nalas flowing along the lease boundary. A safety barrier of a minimum 60m width shall be maintained along the nalas/water bodies. The small water bodies in OC shall be protected to the extent feasible and the embankment proposed along water body shall be strengthened with stone pitching.	Complied. Mining is being done as per the guidelines and permissions of Directorate General of Mines Safety (DGMS) in accordance with Coal Mines Regulation, 2017. Embankment has been constructed in some areas and further embankments shall be constructed. Picture – 5.
xix	Active OB dumps near water bodies and rivers should be rehandled for backfilling abandoned mine voids. However, those which have been biologically reclaimed need not be disturbed.	Complied. No OB is being dumped near any water bodies.
xx	Thick green belt shall be developed along undisturbed areas, mine boundary and in mine reclamation.	Complied. Plantation & Eco-restoration is being done. Annexure – 3. Picture - 6
xxi	Specific mitigative measures identified for the Jharia Coalfields in the Environmental Action Plan prepared for Dhanbad as a critically polluted area and relevant for Cluster VI shall be implemented.	Complied. Action Plan has been prepared in consultation with Jharkhand Pollution Control Board for entire BCCL. It is being implemented comprehensively. Some of the salient actions of this cluster are as under: 1. Covered Truck Transport 2. Construction of Pucca Road wherever feasible. Picture 8 3. Construction/Maintenance of water reservoir for mine water utilization. 4. Plantation. Etc.
xxii	The locations of monitoring stations in the Jharia Coalfields should be finalized in consultation with the Jharkhand State Pollution Control Board.	Complied. The optimum location of monitoring stations in Jharia Coal Field has been finalized with the approval of Jharkhand State Pollution Control Board. Enclosed as Annexure – 8.
xxiii	The Committee stated that smoke/dust emission vary from source to source (fuel wood, coal ,fly ash from TPPs, silica from natural dust, etc) and a Source Apportionment Study should be got carried out for the entire Jharia Coalfields. Mineralogical composition study should be undertaken on the composition of the suspended particulate matter (PM10 and PM2.5) in Jharia Coalfields and also quantified. These studies would help ascertain source and extent of the air pollution, based on which appropriate mitigative measures could be taken.	Complied. Source Apportionment Study: Workshop organized with NEERI, Nagpur on 04.10.2021. Comments/Clarification submitted to NEERI, Nagpur for its incorporation. Further, comments of JSPCB and BCCL also submitted to NEERI and final report submitted on 27.04.2022. Annexure – 9.
xxiv	The Plan for conveyor-cum—rail for Cluster-VI should be dovetailed with Jharia Action Plan. The Committee desired that road transportation of coal during Phase—I should be by	It shall be complied. Action has been taken for the transportation plan for conveyor cum rail system of dispatch. CMPDIL, RI-

	mechanically covered trucks, which should be introduced at the earliest. Coal dispatch shall be diverted from the present rail sidings to Rapid Loading System (RLS) soon after the construction and commissioning of the RLS at Maheshpur is completed. The railway siding order issued and same would come in 3 years. The details of same should be provided to ministry. The mode of transportation of coal by truck till Railway Siding should be by mechanically covered trucks.	It has been requested to conduct study and prepare the plan in this regard. At present, Transportation is being done by covering vehicle with tarpaulin cover and it is made mandatory in Transportation Contracts. Picture – 2. A technical committee is evaluating the feasibility of conveyor belt transportation.
xxv	1387 no. of PAF's should be rehabilitated at cost of Rs 10,768.17 Lakhs as per the approved Jharia Action Plan.	It is being Complied – Annexure – 5.
xvi	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.	It is Being complied. Regular subsidence monitoring is being done at underground mines.
xxvii	Sufficient coal pillars shall be left un extracted around the air shaft (within the subsidence influence area) to protect from any damage from subsidence, if any.	Complied. Sufficient coal pillars have been left around air shafts as per Coal Mines Regulations 2017 and DGMS Orders.
xxviii	High root density tree species shall be selected and planted over areas likely to be affected by subsidence.	Complied. Planation is regularly done in leasehold area of Cluster VI. High root density plants are regularly planted as per the roadmap prepared by Forest Research Institute, Dehradun. Annexure certificate for high root density plants Annexure- 10
xxix	Depression due to subsidence resulting in water accumulating within the low lying areas shall be filled up or drained out by cutting drains.	It shall be complied. Time to time depression created by the mining operations have been filled by the locally available material and over burden.
xxx	Solid barriers shall be left below the roads falling within the blocks to avoid any damage to the roads.	Complied. Sufficient barriers are left for saving the surface installation and infra structures as per Coal Mines regulation 2017 and DGMS Orders.
xxxi	No depillaring operation shall be carried out below the township/colony.	Complied. Prior permission is always obtained from DGMS for depillaring.

xxxii	A detailed CSR Action Plan shall be prepared for Cluster VI group of mines. As stated by the Proponent, it is formulating a detailed Corporate Social Responsibility (CSR) Action Plan through Tata Institute of Social Sciences (TISS), Mumbai which will consist of need-based base-line survey, CSR Action Plan, CSR Auditing and monitoring mechanism etc. Director (Per.), BCCL, along with a team visited TISS/ National CSR Hub, Mumbai on 18th Jun, 2012 for finalizing the MoU with TISS and National CSR Hub for conducting base-line survey, empanelment of NGOs and formulating the project specific CSR action plan for BCCL. The Action Plan for Corporate Social Responsibility will include 5% of the retained earnings of the previous year subject to a minimum of Rs. 5 per tonne of coal production of the previous year will be provided for Corporate Social Responsibility (CSR), an amount of Rs. 381.55 lakhs/year has been year marked for the CSR activities.	Complied. 1. BCCL is implementing CSR activities at various scale. A separate CSR committee has been formed at area level, which is looking after the works being executed under CSR. 2. Under CSR Initiatives, preventive health care of public living in command area has been undertaken extensively through Company as well as State Govt. Activity wise expense attached as Additionally, PAFs are being trained and placed through CIPET, Ranchi . Annual report is available on BCCL Website.
xxxiii	The area within Cluster VI ML existing as waste land and not being acquired shall be put for productive use under CSR and developed with fruit bearing and other useful species for the local communities. A third party evaluation shall be carried out regularly for the proper implementation of activities undertaken in the project area under CSR. Issue raised in the Public Hearing shall also be integrated with activities being taken up under CSR. The details of CSR undertaken along with budgetary provisions for the village-wise various activities and expenditures there on shall be uploaded on the company website every year. The company must give priority to capacity building both within the company and to the local youth, who are motivated to carry out the work in future. The gap/space available between the entire mine area should be suitably planted with native species. Plantation should also be made in vacant area and along the road side so as to reduce dust pollution.	Complied. CSR and other welfare activities have been taken up on priority basis. The details of activities are enclosed. As Annexure – 2. Plantation at degraded area and office/colonies premises has been done for development of green belts as per EC. Eco-restoration work are in successful progress at degraded at OB dump areas. Details of plantation to be done and programme of eco-restoration are enclosed in Annexure- 3, Picture -6.
xxxiv	The mine water should be treated properly before supply to the villagers.	Complied. Mine water is treated by water filter plant before domestic supply to villagers.
Xxxv	Details of transportation, CSR, R&R. and implementation of environmental action plan for each of the clusters-VI should be brought out in a booklet form within a year and regularly updated.	Complied.
xxxvi	Central recreation park with herbal garden	Complied. The Eco-restoration park at GKKC has

	should be developed for use of all inhabitants.	been developed and dedicated to residents of the city. It is further being developed into an Eco-Park.
xxxvii	Mine discharge water shall be treated to meet standards prescribed standards before discharge into natural water courses/agriculture. The quality of the water discharged shall be monitored at the outlet points and proper records maintained thereof and uploaded regularly on the company website.	Complied. The work of monitoring of water is being carried out by CMPDI. Report Enclosed as Annexure – 11.
xxxviii	No groundwater shall be used for the mining activities. Additional water required, if any shall be met from mine water or by recycling/reuse of the water from the existing activities and from rainwater harvesting measures. The project authorities shall meet water requirement of nearby village(s) in case the village wells go dry to dewatering of mine.	Complied. Mine water is being used for the industrial as well as domestic purpose. Mine water is also supplied to colonies and community after filtration through pressure filters, slow sand filters and rapid sand filters. A MoU has been signed between Coal India Ltd. & Govt. of Jharkhand for providing mine water to nearby villages. A copy of MoU has been enclosed as Annexure 12.
xxxix.	The void shall be converted into a water reservoir of a maximum depth of 15-20 m and shall be gently sloped and the upper benches of the reservoir shall be stabilized with plantation and the periphery of the reservoir fenced. The abandoned pits and voids should be backfilled with OB and reclaimed with plantation and or may be used for pisciculture.	It shall be complied.
xl	Regular monitoring of groundwater level and quality of the study area 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 including Arsenic and Fluoride during the month of May. Data thus collected shall be submitted to the Ministry of Environment & Forest and to the Central Pollution Control Board/SPCB quarterly within one month of monitoring. Rainwater harvesting measures shall be undertaken in case monitoring of water table indicates a declining trend.	It is being complied. For Drilling for establishment of 23 nos Piezometer wells for cluster of mines of BCCL command area for Ground water monitoring the work has been completed. Annexure – 13. The photograph of piezometric well with DWLR Picture 9. CMPDI is regularly conducting study of groundwater level and quality of areas within Cluster VI. Groundwater monitoring data has been enclosed as Annexure 13.
xli	ETP shall also be provided for workshop, and CHP, if any. Effluents shall be treated to conform to prescribe standards in case discharge into the natural water course.	Complied. Picture – 7.
xl ii	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	Complied. Land Use Map of Cluster VI has been prepared by CMPDIL using remote sensing data for monitoring of land use pattern and for post mining land use. The

	prepared once in 3 years (for any one particular season which is consistent in the time series), and the report submitted to MOEF and its Regional office at Bhubaneswar.	latest report as submitted by NRSC in this regard is attached as Annexure – 14 .
xliii	A Final Mine Closure Plan along with details of Corpus Fund shall be submitted to the Ministry of Environment & Forests five year before mine closure for approval. Habitat Restoration Plan of the mine area shall be carried out using a mix of native species found in the original eco system which were conserved in-situ and ex-situ in an identified area within the lease for reintroduction in the mine during mine reclamation and at the post mining stage for habitat restoration, the mining plan and post-mining plan, closure plan should be prepared and submitted to the Ministry;	It shall be complied. CMPDI has prepared “Mine Closure Plan” for all the mines of Cluster VI. In order to restore the original ecological system, Kusunda Area has initiated ecological restoration at various sites as per roadmap prepared by Forest Research Institute. Native species of flora and fauna can be seen on these sites. Picture – 6.
xliv	A separate management structure for implementing environment policy and socio-economic issues and the capacity building required in this regard.	Complied. A full-fledged Environment Department, headed by a Dy.GM (Environment) along with a suitable qualified multi-disciplinary team of executives have been established at Company Headquarters for implementation of Environment Policy of the company. One Executive in each area has also been nominated as Nodal Officer (Environment) for looking after routine environment related jobs along with an Environment Management Cell at Area Level. For implementing and look after Socio-Economic Issues, an executive of Community Development Cadre has also been incorporated at HQ level .
Xlv	Corporate Environment Responsibility.	
(a.)	The Company shall have a well laid down Environment Policy approved by the Board of Directors.	Complied. A well-defined Corporate Environment Policy has already been laid down and approved by the Board of Directors. This is also uploaded on company's website. Annexure - 15
(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.	Complied. A hierarchical system of the company to deal with environmental issues from corporate level to mine level already exists. Complied. A full-fledged Environment Department, headed by a Dy.GM (Environment) along with a suitable qualified multi-disciplinary team of executives have

		been established at Company Headquarters for implementation of Environment Policy of the company. One Executive in each area has also been nominated as Nodal Officer (Environment) for looking after routine environment related jobs along with an Environment Management Cell at Area Level.
(d.)	To have proper checks and balances, the company shall have a well laid down system of reporting of non-compliances/violations of environmental norms to the Board of Directors of the company and/or shareholders or stakeholders at large.	Being complied.
B.	<u>General Conditions</u>	
i	No change in mining technology and scope of working shall be made without 'prior approval of the Ministry of Environment and Forests.	Complied.
ii	No change in the calendar plan of production for quantum of mineral coal shall be made.	Complied. Production of clusters are well within the production capacity as per EC.
iii	Four ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for PM10, PM2.5, SO2 and NOx 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.	Complied. The optimum location of monitoring stations in Jharia Coal Field has been finalized with the approval of Jharkhand State Pollution Control Board. Enclosed as Annexure – 8. Air quality Monitoring report has been enclosed as Annexure-16.
iv	Data on ambient air quality (PM10, PM 2.5, SO2 and NOX) and heavy metals such as Hg, As Ni, Cd, Cr and other monitoring data shall be regularly submitted to the Ministry including its Regional Office at Bhubaneswar and to the State Pollution Control Board and the Central Pollution Control Board once in six months. Random verification of samples through analysis from independent laboratories recognized under the EPA rules, 1986 shall be furnished as part of compliance report.	Complied. Data is regularly submitted to ministry along with compliance report. Annexure- 16.
v	Adequate measures shall be taken for control of noise levels below 85 dB(A) in the work environment. Workers engaged in blasting and drilling operations, operation of HEMM, etc shall be provided with ear plugs/muffs.	Complied. Personnel operating HEMMs, drilling machine and other machines comply with safety regulation and are equipped with Personal Protective Equipment. Noise monitoring data has been enclosed as Annexure 17.

vi	Industrial wastewater (workshop and waste water from the mine) shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May 1993 and 31st December 1993 or as amended from time to time before discharge. Oil and grease trap shall be installed before discharge of workshop effluents.	Complied. Effluents discharge standards are regularly monitored by CMPDIL for cluster VI group of mines. Mine water is being treated using filter plants (Pressure, Sand filters etc.) for its further use in industrial purpose and supply to the community. Mine water monitoring report has been enclosed as Annexure 11 .
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.	Complied. Vehicles used for transportation of coal are always covered by tarpaulin and being monitored for the vehicular emission by the transporter and BCCL. Copy of some Emission under Control/Fitness Certificate has been enclosed as Annexure 18 .
viii	Monitoring of environmental quality parameters shall be carried out through establishment of adequate number and type of pollution monitoring and analysis equipment in consultation with the State Pollution Control Board and data got analyzed through a laboratory recognized under EPA Rules, 1986.	Complied. Ambient environmental monitoring is being done by CMPDIL. Monitoring data have been enclosed as Annexure - 11, 16, 17 .
ix	Personnel working in dusty areas shall wear protective respiratory devices and they shall also be provided with adequate training and information on safety and health aspects.	Complied. A separate full-fledged Human Resource Development Deptt. is conducting regular training programme on these issues. Apart from this Vocational Training Centers (VTC) are existing in the Area which provides periodical training on the safety and occupational health issue to each of the workers working in the mines. The VTC training data is enclosed in Annexure-4 .
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 an records maintained thereof. The quality of environment due to outsourcing and health and safety issues of the outsourced manpower should be addressed by the company while outsourcing.	Complied. Periodical medical Examination (PME) of all the mining and other personnel is being carried out as per the Coal Mines Regulation 2017 and Director General of Mines Safety (DGMS) guidelines. Enclosed as Annexure 19 .
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.	Complied. A full-fledged Environment Department, headed by a Dy.GM (Environment) along with a suitable qualified multi-disciplinary team of executives have been established at Company Headquarters for implementation of Environment Policy of the company.

		One Executive in each area has also been nominated as Nodal Officer (Environment) for looking after routine environment related jobs along with an Environment Management Cell at Area Level.
xii	The funds earmarked 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 Regional Office at Bhubaneswar	It is being compiled. Funds for environmental protection measures area kept in separate head which is only used in environmental management activities
xiii	The Project authorities shall advertise at least in two local newspapers widely circulated around the project, one of which shall be in the vernacular language of the locality concerned within seven 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 at www.envfor.nic.in .	Complied. Advertisement in local newspaper has also been done.
xiv	A copy of the environmental 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 environmental 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 PM10, PM2.5, SO2 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.	Complied.

xvii	The project proponent shall submit six monthly compliance reports on status of compliance the stipulated environmental clearance conditions (both in hard copy and in e-mail) to view respective Regional Office of the Ministry, respective Zonal Office s of CPCB and the SPCB.	Complied.
xviii	The Regional Office of this Ministry located at Bhubaneswar 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.	Complied.
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 MoEF by E-mail.	Complied.
6.	The proponent shall abide by all the commitments and recommendations made in the EIA/EMP report so also during their presentation to the EAC.	Complied.
7.	The proponent is required to obtain all necessary clearances/approvals that may be required before the start of the project.	Complied.
8.	The Ministry or any other competent authority may stipulate any further condition for environmental protection.	Agreed
9.	Failure to comply with any of the conditions mentioned above may result in the withdrawal of this clearance and attract the provisions of the Environment (Protection) Act, 1986.	Agreed

10.	The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, The Environment (Protection) Act, 1986 and the Public Liability Insurance Act, along with their amendments and Rules. The proponent shall ensure to undertake and provide for the costs incurred for taking up remedial measures in case of soil contamination. Contamination of groundwater and surface water, and occupational and other diseases due to the mining operations.	Complied.
11.	The Environmental Clearance is subject to the outcome of the Writ Petition filed by M/S Bharat Coking Coal Limited (BCCL) in response to the closure orders issued by the Jharkhand State Pollution Control Board which is pending in the Jharkhand High Court.	Agreed



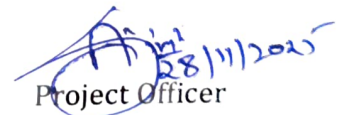
Project Officer

East Bassuriya Colliery



Project Officer

Gondudih Khas Kusunda Colliery/ Bassuriya Colliery



Project Officer

Godhur Colliery

Annexure - 1

Name of the Mine	Annual Production (Te)
Godhur	Temporarily discontinued for production
Gondudih Khas Kusunda Colliery	420080
East Bassuriya Colliery	93366
Total	513446 (0.513446 MT)

Annexure – 2

13	Construction of 4 classrooms at B.K Rai Smarak Balika Uchh Vidyalaya, Katrasgarh (Katras)	Promoting education, including special education and employment enhancing vocation skills especially among children, women, elderly and the differently abled and livelihood enhancement projects.	20.00	BCCL	2023-24 & 2024-25	BCCL	Located at Katras in Dhanbad this School caters to 360 students. Construction of all weather classrooms shall provide sitting rooms for imparting education to the students.	1. Location: Katras, Dhanbad Dist. 2. Within operational Area 3. Within 25 kms. 4. Expected to benefit PAP students
14	Construction of kitchen rooms, water storage tank, laying of paver blocks and misc civil works at Rajkiya Madhya Vidyalaya, Dubrajdihi Panchayat (WJ)	Promoting education, including special education and employment enhancing vocation skills especially among children, women, elderly and the differently abled and livelihood enhancement projects.	15.00	BCCL	2023-24 & 2024-25	BCCL	This project is expected to benefit 57 students of the School.	1. Location: WJ, Dhanbad Dist. 2. Within operational Area 3. Within 25 kms. 4. Expected to benefit PAP students
15	Training/learning/upskilling support to tribal women/artists/weavers of Lahbera Basti, Dhansar (Kusunda)	Promoting education, including special education and employment enhancing vocation skills especially among children, women, elderly and the differently abled and livelihood enhancement projects.	12.00	BCCL	2023-24 & 2024-25	BCCL	Providing entrepreneurial skill development support is expected to benefit 300 persons in Kusunda.	1. Location: Kusunda, Dhanbad Dist. 2. Within operational Area 3. Within 25 kms. 4. Expected to benefit PAPs
16	Development of Public Toilets, Drainage, pathway & other infrastructure works at Bauan Kalan (Uttar Panchayat) Barki Bauan, GKCC (Kusunda)	Eradicating hunger, poverty and malnutrition, promoting health care including preventive health care and sanitation including contribution to the Swach Bharat Kosh set-up by the Central Government for the promotion of sanitation and making available safe drinking water.	18.00	BCCL	2023-24 & 2024-25	BCCL	Providing public toilets is expected to benefit 500 persons in Kusunda.	1. Location: Kusunda, Dhanbad Dist. 2. Within operational Area 3. Within 25 kms. 4. Expected to benefit PAPs
17	Providing and fixing water supply pipe line for Ghutway Village near Damoda Colliery (Barora)	Eradicating hunger, poverty and malnutrition, promoting health care including preventive health care and sanitation including contribution to the Swach Bharat Kosh set-up by the Central Government for the promotion of sanitation and making available safe drinking water.	21.00	BCCL	2023-24 & 2024-25	BCCL	Providing filtered water to the villagers is expected to cater to the needs of 300 plus villagers which is also expected to address IR issues at the Area.	1. Location: Barora, Dhanbad Dist. 2. Within operational Area 3. Within 25 kms. 4. Expected to benefit PAPs
Sub total of Areas			86.00					
18	Contingent CSR expenditure for items listed under Schedule VII		198.00	by BCCL	2023-24 & 2024-25	BCCL	NA	
Grand total			724.24					

विज्ञापन सं.: कौवि/BCCL/23-24/06

निःशुल्क रोजगारमुख कार्यक्रम

दिनांक: 07.10.2023

भारत कोकिंग कोल लिमिटेड, धनबाद (भारत सरकार का उपक्रम) द्वारा प्रायोजित 06 माह का कौशल विकास प्रशिक्षण सिपेट रांची में प्लास्टिक इंजीनियरिंग के क्षेत्र में निःशुल्क रोजगारमुखी पाठ्यक्रम का प्रारंभ सुनिश्चित है। सेंट्रल इंस्टिट्यूट ऑफ़ पेट्रोकेमिकल्स इंजीनियरिंग एंड टेक्नोलॉजी (सिपेट), भारत सरकार की प्रीमियर राष्ट्रीय संस्थान है, जो की प्लास्टिक एवं संबद्ध इंजीनियरिंग के क्षेत्र में कौशल विकास प्रशिक्षण प्रदान करने के लिए समर्पित है। सिपेट, उम्मीदवारों से निम्नलिखित पाठ्यक्रमों में नामांकन हेतु आवेदन आमंत्रित करता है।

क्र.	पाठ्यक्रम का नाम	न्यूनतम शैक्षणिक योग्यता	उम्मीदवारों की संख्या	कार्यक्रम अवधि
01	मशीन ऑपरेटर - प्लास्टिक्स प्रोसेसिंग (MO-PP)	8 th पास	40	06 माह (960 घंटा)
02	मशीन ऑपरेटर - इन्जेक्शन मोल्डिंग (MO-IM)	8 th पास	40	06 माह (960 घंटा)

आवश्यक योग्यता :

उम्मीदवारों का चयन SC, ST, OBC, EWS तथा General से किया जाएगा।

उम्मीदवारों की आयु 18 से 28 वर्ष होनी चाहिए (आयु में छूट: SC/ST- 05 साल तथा OBC- 03 साल)।

प्रशिक्षण कार्यक्रम के दौरान प्रशिक्षण सामग्री, रहने एवं खाने की सुविधा तथा ट्रेस निःशुल्क प्रदान किया जायेगा।

आवश्यक दस्तावेज:

शैक्षणिक योग्यता प्रमाण पत्र

जाति प्रमाण-पत्र

आवासीय प्रमाण-पत्र

फोटो आईडी/ आधार कार्ड

04 रंगीन पासपोर्ट साइज फोटो

आवेदन बना करने की अंतिम तिथि : 17-10-2023

काउंसिलिंग तिथि : 27-10-2023

80-100 %
PLACEMENT

संपर्क करें :- 8235292054, 9654462728, 7979969791, 8580025493

अधिक जानकारी के लिए BCCL के website : www.bcclweb.in पे जा सकते है या ऊपर दिए गये नंबर पे कॉल कर सकते है।
(कॉल करने का समय : Mon to Friday, 10:00 AM to 5:00PM)

सिपेट, भारत सरकार की प्रीमियर राष्ट्रीय संस्थान है, जो की प्लास्टिक एवं संबद्ध इंजीनियरिंग के क्षेत्र में कौशल विकास प्रशिक्षण प्रदान करने के लिए समर्पित है। सिपेट, झारखण्ड राज्य के उम्मीदवारों से निम्नलिखित पाठ्यक्रमों में नामांकन हेतु आवेदन आमंत्रित करता है।

निःशुल्क आवासीय रोजगारमुख कार्यक्रम

क्र.	पाठ्यक्रम का नाम	न्यूनतम शैक्षणिक योग्यता	कार्यक्रम अवधि
01	मशीन ऑपरेटर - प्लास्टिक्स प्रोसेसिंग (MO-PP)	8 th पास	06 माह
02	मशीन ऑपरेटर - इन्जेक्शन मोल्डिंग (MO-IM)	8 th पास	06 माह

आवश्यक योग्यता :

- उम्मीदवार झारखण्ड राज्य का निवासी होना चाहिए। बीसीसीएल परियोजना प्रभावित क्षेत्रों से संबंधित उम्मीदवारों को प्राथमिकता दी जाएगी।
- उम्मीदवारों का चयन SC, ST, OBC, EWS & Gen से किया जाएगा।
- उम्मीदवारों की आयु 18 से 28 वर्ष होनी चाहिए (आयु में छूट: SC/ST- 05 साल तथा OBC- 03 साल)।

मुख्य विशेषताएं

- प्रशिक्षण कार्यक्रम के दौरान प्रशिक्षण सामग्री, रहने एवं खाने की सुविधा तथा ट्रेस निःशुल्क प्रदान किया जायेगा।
- इस पाठ्यक्रम में दाखिले / प्रशिक्षण हेतु आने पर किसी भी प्रकार का यात्रा भत्ता प्रदान नहीं किया जायेगा।
- पाठ्यक्रम के प्रशिक्षकों का प्रशिक्षण समाप्तोपरान्त, प्रदर्शन के आधार पर रोजगार हेतु सहयोग दिया जायेगा। (CIPET 80-100% रोजगार सुनिश्चित करता है।)

हमारे प्लेसमेंट पार्टनर

MANN+HUMMEL BELL FILTER PRIVATE LTD. Rajasthan	Fleetguard FILTRES PVT. LTD. Bhubaneswar	TATA AUTO COMP SYSTEMS PVT LTD, Pune	BANCO Gujarat	TAKAHATA PRECISION HOSE PVT. LTD., Rajasthan	JAYSHREE POLYMERS PVT LTD, Pune	Manali Maheshwari Automation Lighting India Pvt. Ltd. Mumbai	PG PULTECH (PUNE) LTD
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आवेदन कैसे करें

- यदि उम्मीदवार बीसीसीएल के परीचालन क्षेत्र में रह रहे हैं, तो वे AGM/APM/GM (HRD) या उनके प्रतिनिधि के माध्यम से आवेदन कर सकते हैं।
- अन्य उम्मीदवार सिपेट रांची में सीधे तौर पर इस ई-मेल (cipetvtcranchi@gmail.com) के जरिये आवेदन कर सकते हैं।

आवश्यक दस्तावेज

- भत्ता हुआ आवेदन पत्र
- शैक्षणिक योग्यता
- जाति प्रमाण-पत्र
- आवासीय प्रमाण-पत्र
- आधार कार्ड की स्वतःप्रमाणित प्रतियों
- आय प्रमाण पत्र / रहाने कार्ड और 4 रंगीन पासपोर्ट साइज फोटो संलग्न कर अपना नाम, पिता का नाम, घोषाहल नो. जाति एवं पूर्ण पताका का पता अंकित कर उम्मीदवारों को अपेक्षा cipetvtcranchi@gmail.com पे E-Mail कर आवेदन कर सकते हैं।

1. Work Order for 530 nos of bamboo gabion plantation has been issued to DFO, Dhanbad and is being carried out
2. Plantation- At Gondudih- Khas Kusunda Colliery about 500 no. bamboo-gabion plantation have already been done.
3. In 2014-15 At 1st Ecological restoration site a total of about 6402 no. plants and plenty of grass-seeds in an area of 2.0 Ha have been planted successfully with encouraging results, and natural eco-system is being established there with increasing flora & fauna (Fig.2).
4. In 2015-16 At 2nd. eco-restoration site (about 1.79 Ha OB dump- area) about 2400 plants along with seeds of grass and shrubs have spread over since 2015-'16 successfully.
5. In 2016—17 And at 3rd. site, (about 3.0 Ha OB dump area) about 5322 plants and plenty of grass seeds have been planted
6. In 2018-19 A 4th site of area about 4.99 Ha has been taken up in the year 2018-19. Till March, 2019 a total of 12,482 saplings have been planted.
7. In 2019-20, at all four sites more 4465 plant has been planted and 5000 seed ball broadcasted and 983 plants have been planted in lease hold of mines under Kusunda Area.
8. In 2020-21 A new site adjacent to site 1 is proposed for plantation.
9. Maintenance work, de-weeding has been done in year 2021-22 and 2022-23
10. Plantation Started at Khas Kusunda OB Dump in 2023-24.
11. 500 No. of sapling has been planted at Khas Kusunda OB Dump in 2024-24

PLANTATION/ECOLOGICAL-RESTORATION PROGRESS

Year	Biological reclamation Area (in Ha)	No. of Plants in Eco- Restoration Site (approx.)
2014-15	2.0	6402
2015-16	1.79	2400
2016-17	3.00	5322
2018-19	4.99	12482
2019-20	0.00	4465
2021-22	1.00	1000
Total	12.78	32071

Year	Biological reclamation Area (in Ha)	No. of Plants at Khas Kusunda Site
2024-25	0.5	500

Status of Training

Training: Kusunda Area

TRAINING DETAILS OF V.T.C. KUSUNDA F.YEAR 2025-2026																															
COLLIERY		DHANSAR					GODHUR					G.K.K.C					E.BASURIYA					ENA OCP					TOTAL				
SL.NO	MONTH	REFRESHER	BASIC	CH.O.F.JOB	CONTRACTOR	SPECIAL	REFRESHER	BASIC	CH.O.F.JOB	CONTRACTOR	SPECIAL	REFRESHER	BASIC	CH.O.F.JOB	CONTRACTOR	SPECIAL	REFRESHER	BASIC	CH.O.F.JOB	CONTRACTOR	SPECIAL	REFRESHER	BASIC	CH.O.F.JOB	CONTRACTOR	SPECIAL	REFRESHER	BASIC	CH.O.F.JOB	CONTRACTOR	SPECIAL
1	APRIL	25	1	-	-	-	6	1	-	-	-	2	4	-	-	-	2	-	-	-	-	4	-	-	-	-	39	6	-	-	-
2	MAY	13	-	-	-	3	9	-	-	-	3	-	-	-	-	1	-	1	-	-	5	-	-	-	-	2	22	1	-	-	14
3	JUNE	17	-	-	-	5	10	-	-	10	4	-	-	-	-	6	3	-	-	-	4	-	-	-	-	6	30	-	-	10	25
4	JULY	11	-	-	-	5	10	-	-	4	4	1	-	-	-	1	1	-	-	-	3	2	-	-	-	5	25	-	-	4	18
5	AUGUST	15	1	-	-	6	22	-	-	16	4	9	2	-	-	5	1	-	-	4	2	1	-	-	-	5	48	3	-	20	22
6	SEPTEMBER	18	-	-	-	12	6	-	-	5	17	1	-	-	-	11	-	-	-	1	2	2	-	-	-	2	27	-	-	6	44
7	OCTOBER	7	-	-	-	4	12	-	-	-	19	15	-	-	-	5	7	-	-	-	3	2	1	6	-	4	43	1	6	-	35
8	NOVEMBER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	DECEMBER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-	JANUARY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	FEBRUARY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	MARCH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A.MENT-APRIL		106	2	-	-	35	75	1	-	35	51	28	6	-	-	29	14	1	-	5	19	11	1	6	-	24	234	11	6	40	158
MONTHLY TARGET		12					10					6					3					3					34				
TARGET -April to Oct.		84					70					42				21					21						238				
CURRENT STATUS		22					5					-14				-7					-10						-4				

**STATUS OF JHARIA MASTER PLAN DOVETAILED WITH ENVIRONMENT CLEARANCE
CONDITIONS**

Rehabilitation and Fire control measures

Socio-economic Survey :

Survey of fire affected families (non-BCCL) at Kusunda Area has been nearly completed by JRDA and distribution of ID Card has been partially done by JRDA.

Accommodation provided in Satellite Township:

1. Till about 1464 quarters out of 1700 total newly quarters constructed in colonies at East Bassuriya and at Jagjivan Nagar and Karmik Nagar have been allotted to the employees residing at coal bearing/fire affected areas in different collieries under Kusunda Area and out of which 793 employees have been shifted. More quarters are under construction for phase wise shifting of employees.

Status of fire dealing :

Under Master Plan, many Fire schemes have been formulated / prepared /implemented for dealing fires sites spread in collieries of BCCL. Further for expediting the fire dealing process, excavation methods has been resorted to by deploying Hired HEMM at various mines of BCCL. Total digging out of fiery coal has been adopted for dealing of fire.

In fire patch of V/VI/VII/VIII seam of Gareria Secn. at East Bassuriya, about 1,70,000 cu.m. mitti and non-combustible material has been filled, rest will be filled by quarry OB .

At Kusunda Colliery total firey coal are being dug out as a measure of fire dealing with the deployment of hired HEMM, and at Ena OC, after restart, total firey coal will be dug out . The underground workings of Alkusa Colliery has been sealed due to fire threats after taking measures to control UG fire as per CMR'57 DGMS guidelines. The coal reserve of Alkusa Colliery will be extracted from Kusunda OC side. For control and monitoring of threat of subsidence at fire affected area within Godhur lease hold special attention has been made by mine management.

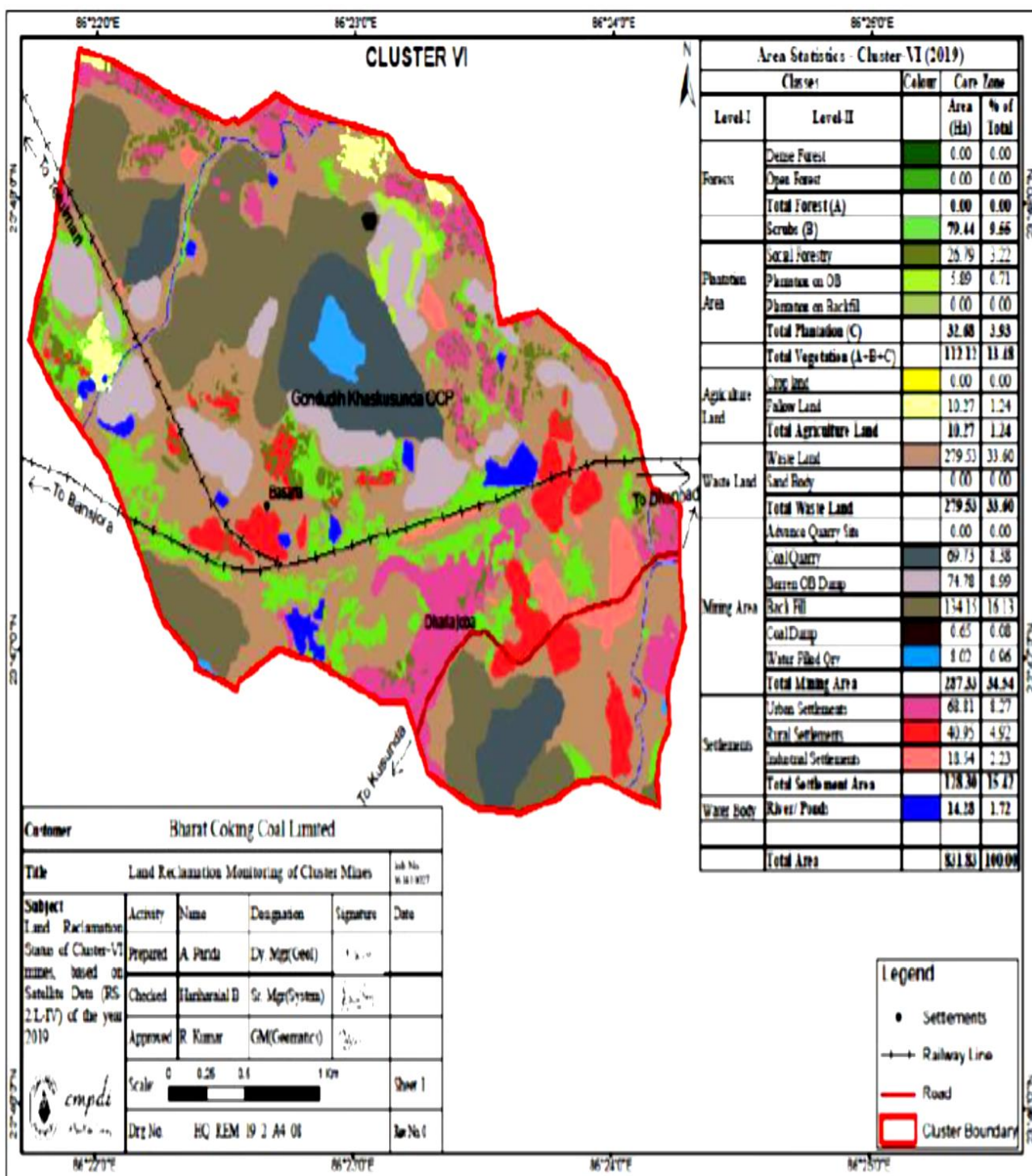
Kusunda Area

Action Plan For Rehabilitation in PHASE - I							Present Status of the BCCL Houses		
	Mine	Site Name and No.	No. of BCCL Houses	Employee	Retained-	Encroachers	Damaged/D		
			104	46	0	12	46		
	Alkusa	DAV School & G. Camp / 02	146	0	0	46	100		
	Alkusa	Hutment near Durga Mandir / 05	94	7	0	3	84		
	Alkusa	Officers Qtr. near Thana / 01	6	6	0	0	0		
	Alkusa	Colliery Qtrs / 03	88	0	7	51	30		
	Ena	No. 2 Colony/ 04	80	7	4	69	0		
	Ena	Officers colony & B.up Area / 05	12	3	1	6	2		
	Ena	Officers colony & B.up Area / 05	12	3	1	6	2		
	Ena	Parsatand Basti/ 02		1	0	9	19		
	Ena	Gwala Patti/01	29				28		
	Basseriya	No. 1 Basti /03		0	0	114	79		
	Basseriya	Rawani Bastee	28	36	0	9	41		
	Godhur	Sunder Colony (East Loyabad)/ 07	229	0	0	0	29		
	Gondudih	West Ena 1 & 2 pit / 01	50	0	0	0	71		
	Industry	Colliery Office Complex & company's	29	0	0	0	525		
	Khas Kusunda	Colliery Office Complex /01	71	106	12	319			
	Kusunda	Workshop, Office & Qtrs.(PK-1&2 pit	966						
	Kusunda	Sub Total							
Action Plan For Rehabilitation in PHASE - II							Present Status of the BCCL Houses		
	Mine	Site Name and No.	No. of BCCL Houses	Employee	Retained-	Encroachers	Damaged/D		
			88	7	0	23			
	Alkusa	GM Bungalow & Qtrs./04	123	23	0	27			
	Alkusa	Qtrs. Near 6/7 Pit/03	88	7	0	71			
	Dhansar	Bright Kusunda Colony/02	88	41	31	4			
	Dhansar	East Godhur Colony/01	94	14	5	29			
	Dhansar	New Delhi Colony/03							
	E Bassuria	Gareria basti/01							
	Godhur	3Pit Area/03							
	Godhur	Beldar Basti/01	29	0	0	0			
	Gondudih	10 No. Dhowrah/08	13	7	0	0			
	Industry	Lahabera Bastee/03	1	0	0	0			
	Industry	Huchuktand Bastee/02	48	20	2	24			
	Industry	KOCP Office & Colony Qtrs./05	15	2	0	0			
	Industry	Rise Bhagatdih Colony/06	59	0	0	25			
	Khas Kusunda	B Panel Area/07	6	0	1	4			
	Khas Kusunda	Colony near KG Section School/11	29	14	0	14			
	Khas Kusunda	Company Qtr. West of Bhuli Road/12							
	Khas Kusunda	Dharia Joba Village/ 04							
	Khas Kusunda	Gondudih Bastee/03	23	0	5	11			
	Khas Kusunda	Harizon Basti/05							
	Khas Kusunda	Hospital Basti/08	35	0	0	13			
	Khas Kusunda	Kharikabad Bastee/09							
	Khas Kusunda	Kusunda Station Village/06							
	Kusunda	Keska Basti Qtrs./02	211	0	0	0			
		Sub Total	950	135	44	245			
		Total	1916	241	56	564			

Total shifting/Rehabilitation
in 1st phase - 966

-do- in 2nd phase - 1916

2882



Global Expression of Interest (EoI)

For

Dealing with coal mine fires in lease hold of BCCL in Jharia Coalfield, Dhanbad, Jharkhand, India. Detailed scope of work as given in the document.

LAST DATE OF SUBMISSION : 28.04.2014

1. BHARAT COKING COAL LIMITED: A PROFILE

Bharat Coking Coal Limited incorporated in January, 1972 is a fully owned subsidiary of Coal India Limited a 'Maharatna' Public Sector Undertaking under the Ministry of Coal, Government of India. Being the sole repository of prime coking coal in the country, BCCL, at present operates 66 coal mines spread over in Jharia Coalfield and part of Raniganj Coalfield apart from 6 coking coal washeries & 2 non-coking coal washeries. The mines are grouped under 12 areas for administrative convenience. BCCL has some unique inherent and perennial characteristics which adversely affect the normal operation of the Company. Difficult geo-mining conditions involving large number of overlaying coal seams, preponderance of old workings, high degree of gassiness, coal fires affecting working seams, water logged upper seams above current places of working, etc, restricts coal production and productivity. Besides, high density of population in the coal bearing areas limits the equipment size of opencast operations apart from being an impediment to acquisition of land for uninterrupted operations. In the year 2012-13, the company achieved a coal production of 31.21 million tone and offtake of 32.99 million tone thereby registering the highest ever the Turnover and Profitability (PAT) of Rs 10176.62 Cr. and Rs 1709.06 respectively. A brief description of the organizational structure and the detailed activities of Bharat Coking Coal Limited can be viewed in the website <http://www.bccl.gov.in>.

The mission is to produce planned quantity of coal efficiently and economically in an Eco-friendly manner with due regard to Safety, Conservation & Quality. The company strives to meet the growing demand of thermal as well as metallurgical coal in the country in a environmentally and socially sustainable manner.

2.2. Bidder's Credential Requirement:

- i) The bidder(s) must have successfully dealt with mine fire in at least two coal mines, one open cast and one underground mine. The annual capacity of opencast and underground mines should be at least 2 Mt and 0.5 Mt respectively during last seven years of last financial year. The documentary proof of successful dealing with fire shall be submitted along with the bid.
- ii) The bidders in their name must have achieved a minimum average annual financial turnover of INR One Hundred Million or equivalent USD during last 3 years ending 31st March of previous financial year. The documentary evidence to this effect would be copies of audited Balance Sheet and Profit & Loss A/c duly countersigned by the authorized representative of bidding company and a declaration to the above effect duly signed by the authorized representative of bidding company & counter signed by a Chartered Accountant or equivalent.
- iii) The bidder must possess "key personnel" (minimum number) of the following categories with requisite qualification and experience :-

Sl. No	Skill of key personnel	Requisite Qualification	Minimum Experience	Minimum Nos. for eligibility
1.	Technical Expert (Mining/ Fire dealing/ Mine Rescue)	B.E /B.Tech (Mining) or equivalent	10 years.	10
2.	Technical Expert (Geology/Remote Sensing)	M. Sc (Geology) or equivalent	10 years	2
3.	Technical expert (Environment)	B. Tech/BE/M.Sc.(Envr) or equivalent	10 years	1
4.	Technical Expert (Infrastructure)	B.E /B.Tech (Mechanical / Electrical / Civil) or equivalent	10 years	3
5.	IT Expert	B.E /B. Tech/ M.Sc (Computer) or equivalent	10 years	1
6.	Financial Expert	MBA(Finance)/Chartered Accountant/ICWA or equivalent	10 years	1

Note :- The bidder shall designate one of the team members as the team leader.

The documentary evidence to this effect would be self-attested CVs including necessary competency certificate for work in Indian mines duly countersigned by the authorized representative of bidding company.

SC-17

7.0 OPENING OF THE EOI :

EOI shall be opened on **29.04.2014 at 04.00 PM** in the office of the GM (CMC), BCCL, Level-V, Koyla Bhawan, Dhanbad-826005.

Bidders are requested to go through the details of EOI document & enclose all the required documents along with the proposal. Each page of the proposal shall be signed with seal.

9.0 Prospective parties may note that mere submission of EOI and / or submission of additional information do not automatically entitle them to claim for pre-qualification. BCCL reserves the right to seek for any other information during the process of evaluation, if required.

10.0 BCCL reserves the right to reject any / all the applications to EOI without assigning any reason(s) whatsoever thereof.

Sd/-
General Manager
(Contract Management Cell)

Distribution :

1. PRO - With a request to publish the abridged EOI as enclosed in local as well as National dailies as per norms of the Company and also arrange to send the paper cutting of publication to the Contract Management Cell.
2. D(T)OP / D(T)P&P / D(F) / D(P) / CVO.
3. GM(Co-ordn) / GM(S&M) / GM(F)I/C / GM(M&M) / GM(E&M) / GM(Execv) / GM(P&P) / GM(IE) / GM(System) / Dy. GM (Envt.), BCCL
4. Sr.ES to CMD - for kind information of CMD.
5. HOD (Admin) with a request to display this EOI in Koyla Bhawan Notice Boards.
6. All CGMs/GMs of the Areas including Washery Zones for wide circulation through display in the Notice Boards.
7. Inspector, CISF- with a request to deploy security personnel at the office of GM (CMC), Level-V, Koyla Bhawan on 28.04.2014 from 9:30A.M to 4:00P.M and on 29.04.2014 from 3:30 PM till completion of the meeting.
8. Desk In-Charge, BCCL, M M Division, 4th floor, 6, Lyons Range, Kolkata.
9. CGM / GM (Contract Management Cell), WCL/SECL/NCL/MCL/ECL/CCL & CIL
10. Sri R.K. Choubey, Sr.DEO / Sri B N Banerjee, DEO, CMC Deptt. - to upload this EOI in BCCL Website and forward soft copy of NIC format to GM (System) for uploading the same at NIC portal website (soft copy of the same is enclosed for needful).

Sd/-
General Manager
(Contract Management Cell)



झारखण्ड राज्य प्रदूषण नियंत्रण पर्वद्
Jharkhand State Pollution Control Board
HIG-1, Housing Colony, Dhanbad-826001

Ph: 0326-2204933

(7)

Letter No.... 2650

Dated 6/7/13

From,

Regional Officer,
Dhanbad

To,

HOD (Env.),
M/s. B.C.C.L.,
Koyla Bhawan, Koyla Nagar,
Dhanbad.Sub: **Fixing up monitoring station/Sampling location of Air, Water & Noise.**

Sir,

With reference to you letter no. GM(Env.)/F-JSPCB/2013/783, dt. 06.07.2013 We have approved Air, Water & Noise monitoring Station/Sampling location after verification and return a copy of the map.

Encl-A/a.

Your's faithfully,

6/7/13
(Dinesh Prasad Singh)
Regional Officer.

Memo.....

Dhanbad, dated.....

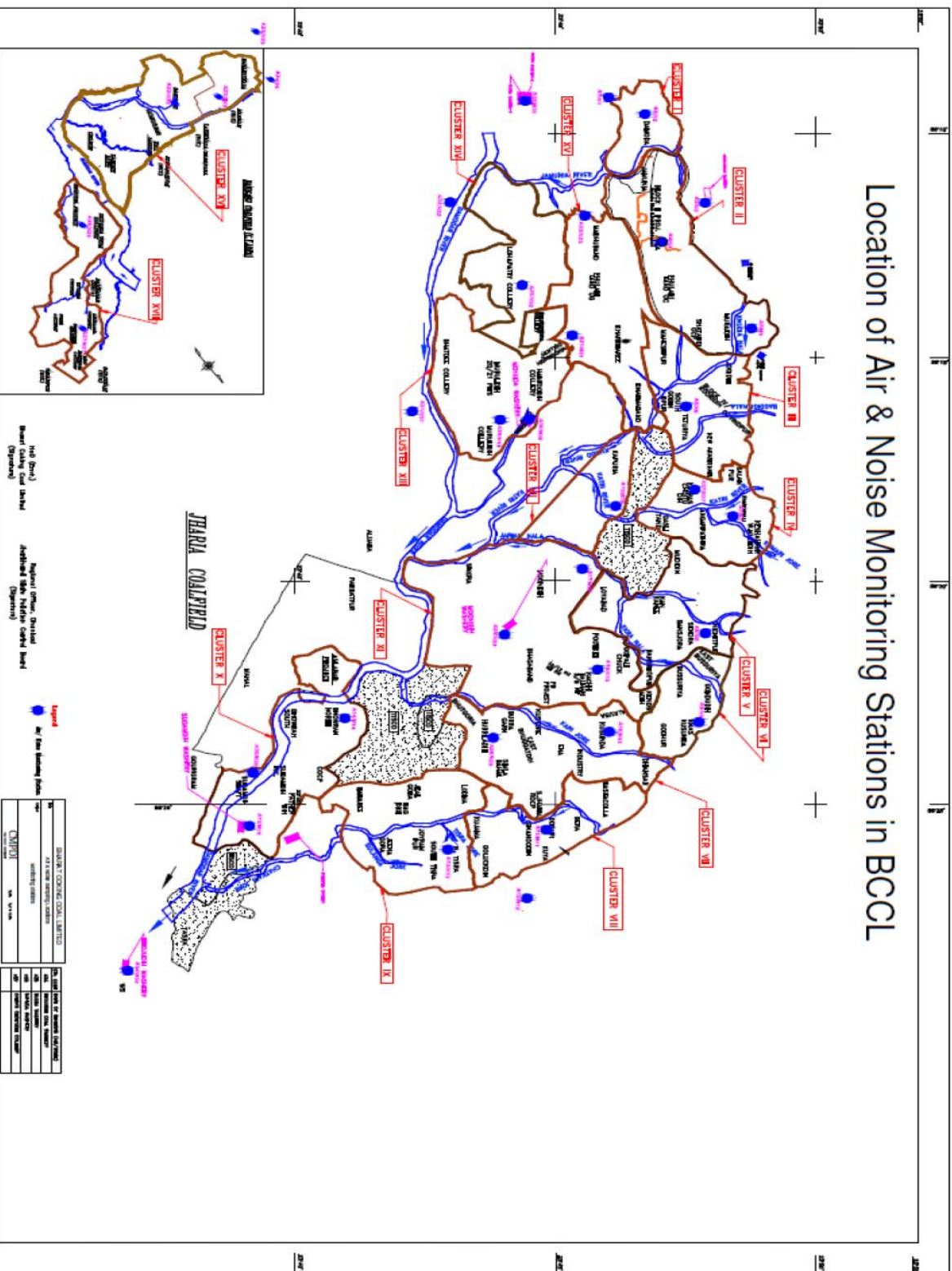
Copy to: The Member Secretary, Jharkhand State Pollution Control Board for information & enclose a copy of the map for necessary action.

Encl-A/a.

(Dinesh Pd. Singh)
Regional Officer.

[illegible][illegible]

Location of Air & Noise Monitoring Stations in BCCL





COAL INDIA LIMITED
कोल इण्डिया लिमिटेड
ENVIRONMENT DIVISION
पर्यावरण विभाग

Corporate Identity Number: L23109WB1973GOI028844
COAL BHAWAN, Premises No -04MAR Plot no - AF-III, Action Area- IA
RAJARHAT, NEW TOWN KOLKATA - 700156,
E-mail: cgmenv.cil@gov.in, Web: www.coalindia.in
TEL: 033-23246638 / FAX: 033-23244232

CIL/ENV/2015-16/ 7000

09/12/2015

प्रति,

General Manager(Environment)/ HOD (Environment),
ECL, BCCL, CCL, NCL, SECL, WCL, CMPDIL, NEC, MCL,



Sub: MoU between Coal India Ltd. & NEERI for "Sustainable Coal Mining in Coal India Ltd."

महोदय,

In view of the directive of 321 th CIL Board held on 15 th October 2015 pertaining to enter into a long term MoU between CIL and CSIR -NEERI for identification of environmental issues through assessment of monitoring data of CIL and preparing an action plan for implementing the same in coal mining, MoU has been signed between Coal India Ltd and National Environmental Engineering Research Institute Ranchi, on 3/12/2015.

Copy of the MoU is enclosed herewith for your information.

[Signature] 9/11/2015
मुख्यप्रबंधक / पर्यावरण
सी. आई. एल.,

संलग्न : उपर्युक्त

[Signature]
R. Rangia
9/11/15

भारत कोकिंग कोल लिमिटेड

एक मिनी रत्न कंपनी

(कोल इंडिया लिमिटेड का एक अंग)

उप महाप्रबंधक (पर्यावरण) का कार्यालय

कोयला भवन, कोयला नगर, धनबाद-826005



Bharat Coking Coal Limited

A Mini Ratna Company

(A Subsidiary of Coal India Limited)

Office of the Dy. GM (Environment)

Koyla Bhawan, Koyla Nagar, Dhanbad -826005

CIN : U10101JH1972GOI000918

पत्र संख्या : भाकोकोलि/उपमहाप्रबंधक/पर्या/(SOURCE APPORTIONMENT (MoU) /NEERI /2018/
दिनांक:12.05.2018

To,
The Director,
CSIR-NEERI,
Nehru Marg,
Nagpur- 440020
Maharashtra

Sub.: Work Order for the Project "Source Apportionment of ambient air particulate matter in Jharia coalfields region, Jharkhand".

Ref: (i)Memorandum of Understanding between CIL & NEERI dated 03.12.2015
(ii)your proposal vide email dated 12.09.2016 and subsequent amendment including GST rates
(iii) "Terms of reference for the Project "Source Apportionment of ambient air particulate matter in Jharia coalfields region, Jharkhand" dated 09.03.2018.
(iv) NEERI's acceptance of "TOR" vide email dated 08.05.2018

Dear Sir,

This has reference to proposal "Source Apportionment of ambient air particulate matter in Jharia coalfields region, Jharkhand" vide email dated 12.09.2016. The Competent Authority has approved the award of work to NEERI namely "Source Apportionment of ambient air particulate matter in Jharia coalfields region, Jharkhand" for One Crore forty one Lakh and sixty thousand only inclusive of GST(Rs. 1,41,60,000/-) for a period of Twelve(12) months under the MOU dated 03.12.2015 between CIL & NEERI, extended to all subsidiaries of CIL & the terms of reference. The Project-in-charge will be HOD(Environment) or any of his authorized representative.

You are required to comply the scope, objective & terms and conditions in respect of above mentioned work as agreed in the "Terms of Reference" as given below.

1. Scope of the Work:

- To conduct Source Apportionment Study for varying sources of gasses/smoke/dust emission from source to source (fuel wood, coal, fly-ash, TPPs, coke plants, traffic, silica from natural dust etc., but not limited to this) for the entire Jharia Coalfields (within and up to 10 Km from the periphery / boundary of BCCL mines)

- Study of Mineralogical composition of the suspended particulate matter (PM10 and PM2.5) with their characterization and quantification.
- Ascertaining sources(fuel wood, coal, fly-ash, TPPs, coke plants, traffic, silica from natural dust etc., but not limited to this) and extent of the air pollution of Jharia coalfield with suggesting cluster-wise appropriate techno-economically viable, mitigation management plan including action plan for the control of pollution level.
- The Environment Clearance has been granted to mines of BCCL on Cluster Basis, the final report must be submitted to BCCL on Cluster Basis. JCF has been divided into Clusters. The study to include the entire Jharia Coalfield along with area up to 10 Km from the periphery / boundary of BCCL mines (Key Plan showing Clusters in Jharia Coalfield enclosed)
- Two Presentations to be made by NEERI- One to BCCL Management before submission of Final report & another to the various stake holders including regulatory agencies after submission of the report.
- The dispersion Model should be on GIS platform
- The Hotspots/bottleneck points to be identified where there is increased pollution on GIS platform.
- Skill transfer and capacity building training for BCCL personnel.
- Accommodation , travel , local transport, other incidental cost and ancillary expenditures to be borne by NEERI.

2. Objectives of the study:

The major objective of the study is to assess the current ambient air quality, sources of air pollution and propose the priorities for the actions for improvement of air quality. The study to include the entire Jharia Coalfield along with area up to 10 Km from the periphery / boundary of BCCL mines. The detailed objectives are as following;

A) Ambient Air Monitoring related

- Monitoring of ambient air quality at selected receptor locations for pollutants including PM10, PM 2.5(limited), SO2, NOx, PAHs to establish the current status of the air quality in Jharia Coalfields along with area up to 10 K.M from the periphery / boundary of BCCL mines. Also review of the available air quality monitoring data from Central Pollution Control Board(CPCB) /Jharkhand State Pollution Control Board(JSPCB) .
- To calibrate dispersion modelling predictions using measured air quality parameters
- To draw supportive data through specific site related monitoring regarding impact causing sources such as kerbside monitoring.
- To establish the impact of meteorological conditions on a few select indicator pollutants in different micro meteorological conditions of the Jharia Coalfields.

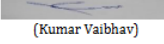
B) Emission Inventory related of Jharia Coalfields along with area up to 10 Km from the periphery / boundary of BCCL mines

Certificate of high root density plant for controlling subsidence

This is to certify that BCCL has been doing plantation/ecological restoration under the guidelines of Forest Research Institute. The various species selected for the restoration are having a tap root system with branches which serve the purpose. These species have high root density and are already being planted at all the ecorestoration/plantation sites of BCCL. The various species having tap root system are given below.

S.No.	Species	Common name
1.	<i>Acacia nilotica</i>	Kikkar
2.	<i>Albizia odoratissima</i>	Kala siris
3.	<i>Bauhinia variegata</i>	Kachnar
4.	<i>Cassia fistula</i>	Amaltas
5.	<i>Ficus benghalensis</i>	Baniyan /bargad
6.	<i>Ficus racemosa</i>	Gular
7.	<i>Ficus religiosa</i>	Pipal
8.	<i>Gmelina arborea</i>	Ghamar
9.	<i>Lagerstroemia parviflora</i>	Jarul
10.	<i>Lamnea coromandelica</i>	Zhingan
11.	<i>Madhuca latifolia</i>	Mahua
12.	<i>Mangifera indica</i>	Aam
13.	<i>Morus alba</i>	Shahtoot
14.	<i>Phyllanthus emblica</i>	Aonla
15.	<i>Pithecellobium dulce</i>	Jangal jalebi
16.	<i>Pongamia pinnata</i>	Karanj
17.	<i>Tamarindus indica</i>	Imli
18.	<i>Trema orientalis</i>	Tree
19.	<i>Terminalia arjuna</i>	Arjun
20.	<i>Terminalia bellerica</i>	Bahera
21.	<i>Dalbergia sissoo</i>	Shisham
22.	<i>Syzizium cumini</i>	Jamun
23.	<i>Azadirachta indica</i>	Neem
24.	<i>Holoptelea integrifolia</i>	Indian elm
25.	<i>Butea monosperma</i>	Palash /dhak

For the Director
 Forest Research Institute
 Dehra Dun
 U.P.
 India

 		CENTRAL MINE PLANNING AND DESIGN INSTITUTE LIMITED Environment Laboratory, Regional Institute-II MINE EFFLUENT TEST REPORT			CMPDI, RI-II KOYLA BHAWAN COMPLEX DHANBAD - 826005 Phone: 0326-223-850 email: rdri2cmpdi@coalindia.in		
Test Report for Mine Effluent samples							
Month & Year	09/2025	Cluster	Cluster VI		ULR No.	TC1432125000002155F	
Customer	Environment Department, Bharat Coking Coal Limited (BCCL), Koyla Bhawan, Dhanbad (E-mail: gmenv.bccl@coalindia.in)					Date of Issue	31.10.2025
Project		Sampling Ref. No.	REM/BCCL/2025/09		Sampling Method	IS 3025 (Part-1) CMPDI/RI-II/LPM 13	
Sampling Stations	(i)	East Basseriya	Sample Collected in 2.5 Ltr Jerricane, Color as observed is transparent			Period of Analysis	08.09.25 TO 31.09.25
			Date of Sampling		08.09.25	22.09.25	
Sl. No.	Parameter	Method of Analysis	Observed Values		STANDARDS FOR COAL MINES (Stipulated by Ministry of Environment and Forests (MoEF), Vide Notification No. GSR 742(E), Dt: 25.09.2000)	LDL	
			M1714	M1741			
1	Total Suspended Solids	IS 3025/17:1984, R :2017, Gravimetric	32	44	100 (Max)	10	
2	pH	IS-3025/11:1983, R-2017, Electrometric	7.97	7.99	5.5 - 9.0	0.2	
3	Oil & Grease	IS 3025/39:1991, R : 2019, Partition Gravimetric	<4.0	<4.0	10 (Max)	2	
4	COD	APHA 23rd Edition 5220 C Titrimetric Method	44	48	250 (Max)	4	
<i>**Grab sampling carried out for water samples **All units in mg/L unless specified otherwise. *LDL indicates Lower Detection Limit & BDL indicates Below Detection Limit.</i>							
 ANALYSED BY		 REVIEWED BY		 AUTHORISED SIGNATORY			
Note: The results above relate to the samples tested as received. This report cannot be reproduced in part or full without the written permission of the HOD(Env), CMPDI, RI-II.							

Memorandum of Understanding

for

Utilization of mine water by villages situated near mines of CIL in command area of Central Coalfields Limited, Bharat Coking Coal Limited and Eastern Coalfields Limited in the State of Jharkhand

This Memorandum of Understanding "MoU" ("Agreement") is made on **30th day of October 2017** at Ranchi

By and Between

Government of Jharkhand (hereinafter referred to as "GoJ"), represented through Department of Industries, Mines & Geology and Department of Drinking Water & Sanitation, Government of Jharkhand having its office at Ranchi which expression shall, unless the context otherwise requires, includes its successors and assignees of the FIRST PART;

And

Coal India Limited (hereinafter referred to as "CIL"), a Government of India Enterprise having its Registered Office at Coal Bhawan, Premise No-04 MAR, Plot No- AF-III, Action Area- 1A, Newtown, Rajarhat, Kolkata- 700156 and represented by General Manager, Corporate Social Responsibility, which expression shall, unless repugnant to the context or meaning thereof, be deemed to include its successors, and permitted assignees of the SECOND PART;

The expressions GoJ and CIL shall hereinafter, as the context may admit or require, be individually referred to as the 'The Party' and collectively as 'the Parties'.

Whereas:

- A.** The Government of Jharkhand (GoJ) and Coal India Limited (CIL), both parties have agreed in principle to the objective of achieving the common goal of providing surplus water from suitable mines for use by habitations, located in the command area of subsidiaries of CIL in the state of Jharkhand for their various needs. These subsidiaries are Central Coalfields Limited (CCL), Bharat Coking Coal Limited (BCCL) and Eastern Coalfields Limited (ECL).
- B.** Mine water available in mine voids and from mine discharge in Central Coalfields Limited (CCL), Bharat Coking Coal Limited (BCCL) and Eastern Coalfields Limited (ECL), subsidiaries of CIL, are presently supplied to several colonies of these subsidiary companies of CIL. At some places mine water is drawn by Department of Drinking Water & Sanitation and other agencies/organizations of Government of Jharkhand. Surplus mine water available at other mines can be used by surrounding habitations for their various needs.
- C.** Presently, about 25250 million gallon of water is estimated to be available in 88 opencast mine voids of CCL, and about 31million gallon/ day of water is estimated to be available as surplus/excess mine water discharge at 23 mine sites of BCCL and 07mine sites of ECL in State of Jharkhand . The list of mines where water is available in mine voids in CCL and in mine water discharge in BCCL and ECL are enclosed at **Annexure I, Annexure II, and Annexure III respectively.**

D. The Parties hereby agree, undertake and affirm as under:-

- i. That sampling and analysis of quality of water available at various mine sites (voids or mine discharge), to assess the suitability for potability, agricultural or other uses will be done by a third party having a recognized environmental laboratory and the party will be selected by mutual consent between CIL (represented by its subsidiaries - CCL, BCCL and ECL) and GoJ.
- ii. The report of analysis of quality of water of various mine sites will be submitted by the selected third party to GoJ and CIL (represented by its subsidiaries - CCL, BCCL and ECL).
- iii. That cost of sampling and analysis of quality of water of various mine sites will be borne by CIL (represented by its subsidiaries - CCL, BCCL and ECL).
- iv. That CIL (represented by its subsidiaries CCL, BCCL and ECL) shall bear all initial cost for construction of civil works like foundation, platform and shed for installation of motor and pumps for drawal of water at identified mine sites.
- v. That Government of Jharkhand shall bear the cost of pumps, motors, associated power supply, pipelines and their installation at identified mine sites from where water is to be drawn. The cost of running these facilities would be borne by Government of Jharkhand or community benefitted.
- vi. The construction, operation and maintenance cost for treatment and distribution facilities of water from identified mine sites will be borne by GoJ.

- vii. The list of mine sites where water is available in voids or as mine discharge are placed at **Annexure I, Annexure II, and Annexure III for CCL, BCCL, and ECL** respectively. The number of mine sites may increase / decrease in future. So modalities for pumping water from the additional sites will be same as laid down at serial no D (i) to D (vi).
- viii. In case of dispute, the matter shall be mutually resolved and either party will not be held responsible for non discharge of responsibility under this agreement.
- ix. In case of force majeure or an Act of God, preventing the parties from fulfilling part or all the obligations, both parties shall be exonerated from carrying out further action as per MoU until the force majeure no longer exists.
- x. The MoU will be in force for 30 (thirty) years. The MoU may be renewed as mutually agreed upon by CIL (represented by its subsidiaries CCL, BCCL and ECL) and GoJ beyond the mentioned period of MoU.

Provided further that in case dewatering is required to start coal production in national interest from these mines then the parties will sit together and mutually decide modalities for the same.

- xi. The sustainability of mine sites in respect of future availability of water will be assessed/ studied by CIL.
- xii. This MoU shall be in accordance with applicable Acts, Rules and Guidelines for coal mining including mine closure guidelines and shall not be in contravention with provisions made therein.

IN WITNESS THEREOF, both parties hereto have signed this MoU
in two original copies in English on the date indicated above.

For Coal India Limited

For Government of Jharkhand

Department of Industries, Mines &
Geology

1. Siddh Nath Singh, General
Manager, CSR,
Coal India Limited

1. Aboobacker Siddique P., I.A.S.
Mines Commissioner,
Mines & Geology Department,
Government of Jharkhand.

(.....)

(.....)

Drinking Water & Sanitation
Department

2. Ramesh Kumar,
Engineer in Chief,
Drinking Water & Sanitation
Department, Government of
Jharkhand.

(.....)

Witness 1 (Soumitra Singh)

Witness 1

30/10/16
(Ajay Nath Jha)

Witness 2

Witness 2



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.

GROUNDWATER LEVEL & QUALITY REPORT FOR CLUSTER OF MINES, BCCL

(Assessment year – 2022-23)

[CLUSTER – I, II, III, IV, V, VI, VII, VIII, IX, X, XI, XIII, XIV, XV & XVI of Mines, BCCL]

JHARIA COALFIELD AND RANIGANJ COALFIELD (PART)

**For
(BHARAT COKING COAL LIMITED)**

(A Subsidiary of Coal India Limited)

KOYLA BHAWAN (DHANBAD)

**Prepared by
Hydrogeology Department
Exploration Division
CMPDI (HQ), Ranchi**

MARCH – 2023

F. GROUND WATER LEVEL OF CLUSTER-VI

Cluster-VI consists of four coal mines namely, East Bassuriya opencast (OC), Bassuriya underground (UG), Gondudih Khas-Kusunda OC and Godhur Mixed Mines (OC and UG) of BCCL. This Cluster of mines is located in central part of Jharia Coalfield in Dhanbad district of Jharkhand. The life of the project has been worked out to be more than 30 years considering annual production target of 7.631 MTPA (Toposheet no – 73 I/6).

The present leasehold area of Cluster-VI is 831.83 Ha. The area has a general undulating topography with general slope towards south. The RL varies from 180 m to 240 m AMSL. Ekra Jore, Kari Jore and their tributaries are controlling the drainage pattern of the area. The area comes under the watershed of Ekra Jore and Kari Jore.

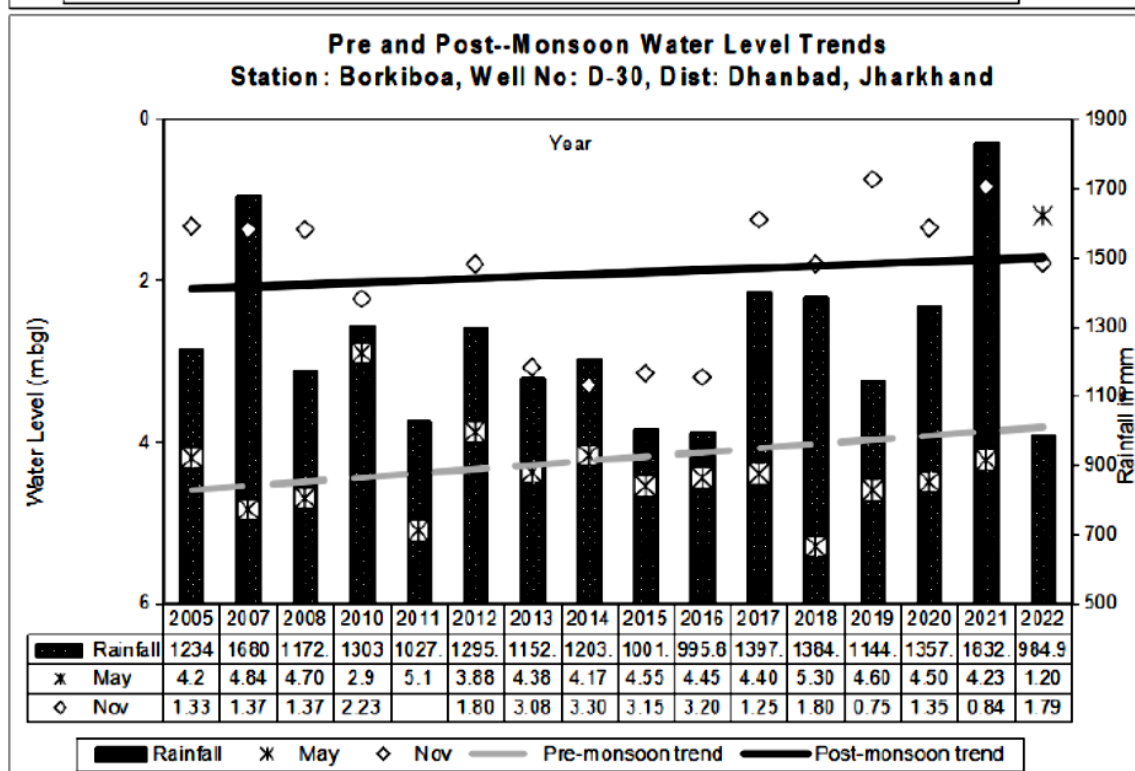
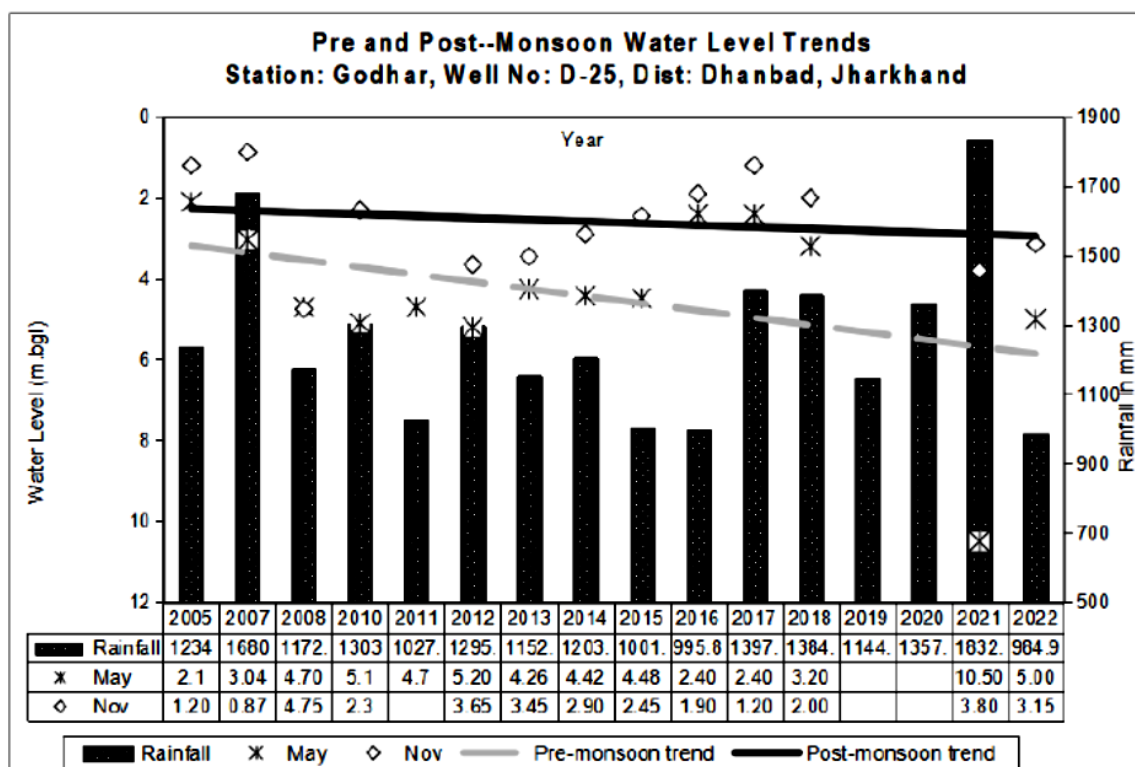
Monitoring stations (D-25 and D-30) are located in the core zone of the mine area. Water level monitoring in these monitoring stations has been done in the months of May'22, August'22, and Nov'22 and January'23. The Ground water level data is presented in the table below:

Sl No.	Well No.	Location	Water level (bgl in meters)											
			2022-23				2021-22				2020-21			
			May	Aug	Nov	Jan	May	Aug	Nov	Jan	May	Aug	Nov	Jan
1	D25	Godhur	11.9	2.58	4.70	5.30	10.50	2.90	3.80	4.40	10.50	2.28	5.62	6.40
2	D30	Borkiboa	4.37	1.80	2.29	4.15	4.23	0.60	0.84	1.80	4.50	1.65	1.35	2.40
Average WL (bgl)			8.14	2.19	3.50	4.73	7.37	1.75	2.32	3.10	7.50	1.97	3.49	4.40

LAST THREE-YEAR ASSESSMENT:

Pre-monsoon GW Level (m): Min – 4.23 m Max – 11.90 m
Post-monsoon GW Level (m): Min – 0.84m Max – 5.62 m

HYDROGRAPHS OF CLUSTER-VI



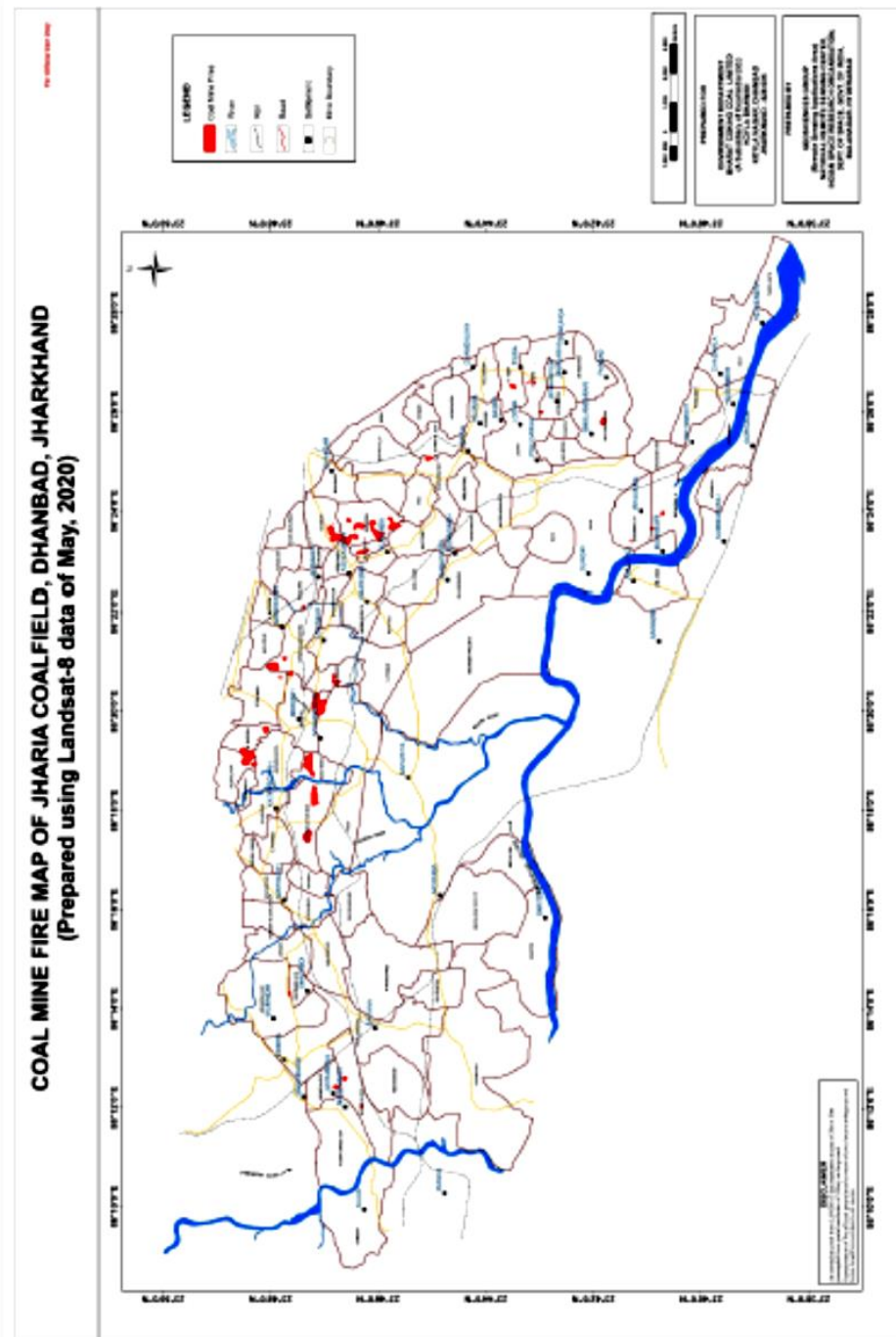


Figure 5: Coal mine fire map (May, 2020) of Jharia coal field, Dhanbad. The fire areas shown in this map have been verified in the field as per field points in figure 12.

Comparison of the 2020 coal fire map with that of 2017 (NRSC, 2017) indicated the dynamism in the spatial extent and distribution of the coal fires. The changes are highlighted as follows:

- i. In reference to the map generated in 2017, the 2020 map shows that the significant decrease of fires in the eastern flank, namely Bhaura, Tisra (North and Soth), Lodna and R-OCP etc. Similar decrease is also observed in Bastacolla and Bhulanbarari.
- ii. The areal extent of major fire zone around Kusunda and Ena also appears to have decreased with change in the spatial location of the anomalies. This is probably due to the mitigation and active fire mining in this region.
- iii. The fire zones in Benedih/Block II OCP and Shatabdi OCP have also changed/diminished in areal extent with presence of isolated smaller anomalies.
- iv. The spatial disposition of fire areas around Katras, Keshalpur, Gaslitand and Mudidih show minor increase. The fire pockets observed in 2017, have given away to a few fire zones of moderate disposition.

In summary, there is a change in the areal disposition of the fires from 2017 to 2020. Satellite and field observations both suggest that there has been an overall decrease in the extent of fire in the JCF. A quantitative comparison of the 2017 and 2020 data was carried out. As compared 2017, when the total fire affected extent of the JCF was about 3.28 km²; in 2020 total fire affected extent is about 1.89 km² (including TISCO mines). Within the mining lease of BCCL (excluding TISCO) in comparison 2017, when the total fire affected extent of the JCF was about 3.27 km²; in 2020 total fire affected extent is about 1.86 km². The colliery wise break-up of change in fire area from 2017 to 2020 is given in Annexure-I. Herein, it should be noted that the minimum mapable unit from satellite image is 30m by 30m or 0.0009 km².

Corporate Environmental Policy (http://www.bcclweb.in/environment/CEP_04.11.2019.pdf)**Item No. 351.3D**

Quarterly Review for the Quarter October to December, 2018 & January to March, 2019 on Safety, Environment & Quality as per the directive of MoC letter no. 23/3/2015-ASO/BA dated 26.04.2017.

Board reviewed the quarterly report of October to December 2018 and January to March 2019 on Safety, Environment & Quality as per the directive of MoC letter no. 23/3/2015-ASO/BA dated 26.04.2017.

Item No. 351.4G**Corporate Environment Policy (CEP) of Bharat Coking Coal Limited.****Background**

Coal India Ltd. had brought out its Corporate Environment Policy (CEP) in 2012 Based on CIL Environment Policy 2012, incorporating the Jharia Master Plan. CEP of BCCL was approved by 285th BCCL board on 21.04.2012 (ANNEXURE C of the agenda note). As per the provisions of the policy, it is to be revised every 05 years as per which the policy would have been revised in 2017. However, there was delay in revising the policy at CIL's end due to which there is a delay in revising BCCL's CEP. CIL has revised its Corporate Environment Policy and approved in its 377th CIL Board Meeting dated 20th Dec., 2018(ANNEXURE D of the agenda note).

The CAG during its exit meeting held on 16.11.2018 also pointed out for the need of revising BCCL's Corporate Environment Policy adopted in 2012(ANNEXURE E of the agenda note). Modifying CIL's CEP to suit BCCL's prevailing conditions, the Corporate Environment Policy of BCCL has been revised.

Two versions of Policy was attached herewith out of which any one may be approved as deemed suitable by the Board.

- a. An abridged version of the policy as adopted earlier by BCCL in 2012. (ANNEXURE A of the agenda note)
- b. A detailed version of the policy similar to the CEP, 2018 of CIL with modifications suited to BCCL's condition. (ANNEXURE B of the agenda note)

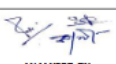
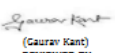
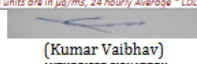
Decision:

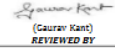
After detailed deliberation the Corporate Environment Policy, 2018 of CIL was approved by the Board.

Board further directed that the Policy as adopted above to suit the conditions in BCCL should be modified with information to Coal India.

Certified to be True Copy


B.K. Parul
 Company Secretary
 Bharat Coking Coal Limited
 Pitha Bhowan
 808005

 		CENTRAL MINE PLANNING AND DESIGN INSTITUTE LIMITED Environment Laboratory, Regional Institute-II Ambient Air Quality Test Report				CMPDIL, RI-II KOYLA BHAWAN COMPLEX DHANBAD - 826005 Phone: 0326-223-8550 Email: rdi2cmndi@coalindia.in	
Month & Year	09/2025	Cluster	Cluster VI		ULR No.	TC1432125000002137F	
Customer	Environment Department, Bharat Coking Coal Limited (BCCL), Koyla Bhawan, Dhanbad (E-mail: gmenv.bccl@coalindia.in)					Date of Issue	31.10.2025
Project	Poodki Bahihari Office	Sample Ref. No.	REM/BCCL/2025/09		Sampling Method	CMPDI/RI-II/LPM 11, (IS 5182)	
Date of Sampling	03.09.2025	16.09.2025	Period of Analysis		03.09.2025 TO 25.10.2025		Zone of Station: Buffer Zone
Sl. No.	Parameter	Method of Analysis	Observed Values (in $\mu\text{g}/\text{m}^3$)		Range Of Testing	LDL	MoEF Standards Notification dated 25th September, 2000 (CSR 742 E)
			1st FN A4487	2nd FN A4553			NAAQS, 2009
1	PM_{10}	IS-5182(Part 23):2006, R-2017	81	76	$10 \mu\text{g}/\text{m}^3 - 1000 \mu\text{g}/\text{m}^3$	$10 \mu\text{g}/\text{m}^3$	300
2	$\text{PM}_{2.5}$	IS-5182(Part 24):2019	35	35	$10 \mu\text{g}/\text{m}^3 - 400 \mu\text{g}/\text{m}^3$	$10 \mu\text{g}/\text{m}^3$	Not Specified
3	SO_2	IS-5182(Part-2): 2001, R-2017	<10	10	$10 \mu\text{g}/\text{m}^3 - 1050 \mu\text{g}/\text{m}^3$	$10 \mu\text{g}/\text{m}^3$	120
4	NO_2	IS-5182 (Part-6): 2006, R-2017	33	33	$06 \mu\text{g}/\text{m}^3 - 420 \mu\text{g}/\text{m}^3$	$06 \mu\text{g}/\text{m}^3$	120
**All units are in $\mu\text{g}/\text{m}^3$, 24 hourly Average * LDL indicates Lower Detection Limit.							
 ANALYSED BY (Gaurav Kant)		 REVIEWED BY (Gaurav Kant)		 (Kumar Vaibhav) AUTHORISED SIGNATORY			
Note: The results above relate to the samples tested as received. This report can not be reproduced in part or full without the written permission of the HOD(Env), CMPDI, RI-II.							
--- End of Report ---							

 		CENTRAL MINE PLANNING AND DESIGN INSTITUTE LIMITED Environment Laboratory, Regional Institute-II Ambient Air Quality Test Report				CMPDIL, RI-II KOYLA BHAWAN COMPLEX DHANBAD - 826005 Phone: 0326-223-8550 Email: rdi2cmndi@coalindia.in	
Test Report for Ambient Air 53 samples							
Month & Year	09/2025	Cluster	Cluster VI		ULR No.	TC1432125000002137F	
Customer	Environment Department, Bharat Coking Coal Limited (BCCL), Koyla Bhawan, Dhanbad (E-mail: gmenv.bccl@coalindia.in)					Date of Issue	31.10.2025
Project	Kusunda OCP	Sample Ref. No.	REM/BCCL/2025/09		Sampling Method	CMPDI/RI-II/LPM 11, (IS 5182)	
Date of Sampling	15.09.25	19.09.25	Period of Analysis		15.09.2025 TO 25.10.2025		Zone of Station: Buffer Zone
Sl. No.	Parameter	Method of Analysis	Observed Values (in $\mu\text{g}/\text{m}^3$)		Range Of Testing	LDL	MoEF Standards Notification dated 25th September, 2000 (CSR 742 E)
			1st FN A4545	2nd FN A4574			NAAQS, 2009
1	PM_{10}	IS-5182(Part 23):2006, R-2017	75	73	$10 \mu\text{g}/\text{m}^3 - 1000 \mu\text{g}/\text{m}^3$	$10 \mu\text{g}/\text{m}^3$	300
2	$\text{PM}_{2.5}$	IS-5182(Part 24):2019	31	31	$10 \mu\text{g}/\text{m}^3 - 400 \mu\text{g}/\text{m}^3$	$10 \mu\text{g}/\text{m}^3$	Not Specified
3	SO_2	IS-5182(Part-2): 2001, R-2017	11	11	$10 \mu\text{g}/\text{m}^3 - 1050 \mu\text{g}/\text{m}^3$	$10 \mu\text{g}/\text{m}^3$	120
4	NO_2	IS-5182 (Part-6): 2006, R-2017	25	25	$06 \mu\text{g}/\text{m}^3 - 420 \mu\text{g}/\text{m}^3$	$06 \mu\text{g}/\text{m}^3$	120
**All units are in $\mu\text{g}/\text{m}^3$, 24 hourly Average, * LDL indicates Lower Detection Limit.							
 ANALYSED BY (Gaurav Kant)		 REVIEWED BY (Gaurav Kant)		 (Kumar Vaibhav) AUTHORISED SIGNATORY			
Note: The results above relate to the samples tested as received. This report can not be reproduced in part or full without the written permission of the HOD(Env), CMPDI, RI-II.							

Month & Year		Cluster		ULR No.		TC143212500002137F		
09/2025		16 Cluster VI						
Customer		Environment Department, Bharat Coking Coal Limited (BCCL), Koyla Bhawan, Dhanbad (E-mail: gmenv.bcci@coalindia.in)		Date of Issue		31.10.2025		
Project		Nichtipur Colliery		Sample Ref. No.		REM/BCCL/2025/09		
Date of Sampling		09.09.25		Period of Analysis		09.09.2025 TO 25.10.2025		
Sampling Method						CMPDI/RI-II/LPM 11, (IS 5182)		
Zone of Station:		Buffer Zone						
Sl. No.	Parameter	Method of Analysis	Observed Values (in $\mu\text{g}/\text{m}^3$)		Range Of Testing	LDL	MoEF Standards Notification dated 25th September, 2000 (GSR 742 E)	NAAQS, 2009
			1st FN A4521	2nd FN A4599				
1	PM ₁₀	IS -5182(Part 23):2006, R-2017	74	71	10 $\mu\text{g}/\text{m}^3$ - 1000 $\mu\text{g}/\text{m}^3$	10 $\mu\text{g}/\text{m}^3$	300	100
2	PM _{2.5}	IS -5182(Part 24):2019	33	36	10 $\mu\text{g}/\text{m}^3$ - 400 $\mu\text{g}/\text{m}^3$	10 $\mu\text{g}/\text{m}^3$	Not Specified	60
3	SO ₂	IS-5182(Part-2): 2001, R-2017	<10	<10	10 $\mu\text{g}/\text{m}^3$ - 1050 $\mu\text{g}/\text{m}^3$	10 $\mu\text{g}/\text{m}^3$	120	80
4	NO ₂	IS-5182 (Part-6): 2006, R-2017	26	30	06 $\mu\text{g}/\text{m}^3$ - 420 $\mu\text{g}/\text{m}^3$	06 $\mu\text{g}/\text{m}^3$	120	80

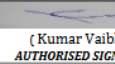
* LDL indicates Lower Detection Limit, **All units are in $\mu\text{g}/\text{m}^3$, 24 hourly Average,



ANALYSED BY



(Gaurav Kant)
REVIEWED BY



(Kumar Vaibhav)
AUTHORISED SIGNATORY

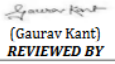
Note: The results above relate to the samples tested as received. This report can not be reproduced in part or full without the written permission of the HOD(Env). CMPDI, RI-II.

Month & Year		Cluster		ULR No.		TC143212500002137F		
09/2025		16 Cluster VI						
Customer		Environment Department, Bharat Coking Coal Limited (BCCL), Koyla Bhawan, Dhanbad (E-mail: gmenv.bcci@coalindia.in)		Date of Issue		31.10.2025		
Project		Basseriya Mangers Office		Sample Ref. No.		REM/BCCL/2025/09		
Date of Sampling		08.09.25		Period of Analysis		08.09.25 TO 25.10.25		
Sampling Method						CMPDI/RI-II/LPM 11, (IS 5182)		
Zone of Station:		Core Zone						
Sl. No.	Parameter	Method of Analysis	Observed Values (in $\mu\text{g}/\text{m}^3$)		Range Of Testing	LDL	MoEF Standards Notification dated 25th September, 2000 (GSR 742 E)	NAAQS, 2009
			1st FN A4515	2nd FN A4578				
1	PM ₁₀	IS -5182(Part 23):2006, R-2017	76	81	10 $\mu\text{g}/\text{m}^3$ - 1000 $\mu\text{g}/\text{m}^3$	10 $\mu\text{g}/\text{m}^3$	300	100
2	PM _{2.5}	IS -5182(Part 24):2019	36	44	10 $\mu\text{g}/\text{m}^3$ - 400 $\mu\text{g}/\text{m}^3$	10 $\mu\text{g}/\text{m}^3$	Not Specified	60
3	SO ₂	IS-5182(Part-2): 2001, R-2017	<10	10	10 $\mu\text{g}/\text{m}^3$ - 1050 $\mu\text{g}/\text{m}^3$	10 $\mu\text{g}/\text{m}^3$	120	80
4	NO ₂	IS-5182 (Part-6): 2006, R-2017	21	32	06 $\mu\text{g}/\text{m}^3$ - 420 $\mu\text{g}/\text{m}^3$	06 $\mu\text{g}/\text{m}^3$	120	80

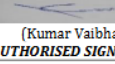
**All units are in $\mu\text{g}/\text{m}^3$, 24 hourly Average, * LDL indicates Lower Detection Limit,



ANALYSED BY



(Gaurav Kant)
REVIEWED BY



(Kumar Vaibhav)
AUTHORISED SIGNATORY

Note: The results above relate to the samples tested as received. This report can not be reproduced in part or full without the written permission of the HOD(Env). CMPDI, RI-II.

HEAVY METAL ANALYSIS REPORT OF AMBIENT AIR QUALITY

PERIOD: HALF YEAR ENDING JUNE, 2025

HEAVY METAL ANALYSIS REPORT OF AMBIENT AIR QUALITY

Results of 6 Heavy Metal for the month of May-2025								
SAMPLE CODE	DATE	Station Name	Cd CONC. IN µg/m ³	Hg CONC. IN µg/m ³	As CONC. IN ng/m ³	Cr CONC. IN µg/m ³	Ni CONC. IN ng/m ³	Pb CONC. IN µg/m ³
A1	20.05.25	Karmatand Village	BDL	BDL	BDL	BDL	2.03	0.005
A2	19.05.25	Damoda	BDL	BDL	BDL	BDL	2.14	BDL
A3	20.05.25	Madhuband Washery	BDL	BDL	BDL	BDL	BDL	BDL
A4	19.05.25	Block-II	BDL	BDL	BDL	BDL	BDL	0.006
A5	16.05.25	Muraidih	BDL	BDL	BDL	BDL	2.25	BDL
A6	29.05.25	Block-IV	BDL	BDL	BDL	BDL	BDL	BDL
A7	30.05.25	Govindpur/Ramkan ali	BDL	BDL	BDL	BDL	BDL	0.032
A8	26.05.25	Nichitpur	BDL	BDL	BDL	BDL	BDL	BDL
A9	27.05.25	East Basseriya	BDL	BDL	BDL	BDL	BDL	BDL
A10	16.05.25	Dhansar/Kusunda	BDL	BDL	BDL	BDL	BDL	BDL
A11	16.05.25	Dobari	BDL	BDL	BDL	BDL	BDL	0.006
A12	30.05.25	Kusmatand Village	BDL	BDL	BDL	BDL	BDL	BDL
A13	30.05.25	Jeenagora	BDL	BDL	BDL	BDL	BDL	BDL
A14	22.05.25	Bhowrah North	BDL	BDL	BDL	BDL	BDL	BDL
A15	20.05.25	Sudamdih Washery	BDL	0.001	BDL	BDL	BDL	0.030
A16	21.05.25	Pootki	BDL	BDL	BDL	BDL	BDL	0.015
A17	21.05.25	Moonidih UGP	BDL	BDL	BDL	BDL	BDL	BDL
A18	22.05.25	Rudih Basti	BDL	BDL	BDL	BDL	BDL	0.007
A19	28.05.25	Murlidih 20/21	BDL	BDL	BDL	BDL	BDL	BDL
A20	21.05.25	Lohapatti	BDL	BDL	BDL	BDL	BDL	BDL
A21	26.05.25	Kharkharee	BDL	BDL	BDL	BDL	BDL	BDL

Noise Data

Month & Year		09/2025		Cluster	Cluster VI	ULR No.	TC1432125000002171F	
Customer	Environment Department, Bharat Coking Coal Limited (BCL), Koyla Bhawan, Dhanbad (E-mail: gmcenv.bcl@coalindia.in)					Date of Issue	31.10.2025	
Project	Sample Ref. No.					REM/BCL/2025/09	Sampling Method	CMPDI/R1-II/LPM 22
Sampling Stations	i	Bassariya Manager Office	Date of Sampling	08.09.25	19.09.25	Zone Category of Station:	Core Zone	
Sl. No.	Parameter	Hour / Time of day	Observed Values (in Leq dB(A))	Observed Values (in Leq dB(A))	Method of Analysis	Range Of Testing	LDL	NOISE POLLUTION (REGULATION AND CONTROL) RULES, 2000 Standards
			First Fortnight	Second Fortnight				Zone Limits in dB
1	Noise Level dB(A) Leq - Day	06:00 - 07:00	48.4	48	CPCB, Protocol for Ambient Level Noise Monitoring -2015	35 dB-135 dB	35 dB(A)	Industrial Commercial Residential Silence
2		07:00 - 08:00	47.2	48.2				
3		08:00 - 09:00	50.3	47.7				
4		09:00 - 10:00	50.8	51.2				
5		10:00 - 11:00	54.8	54.1				
6		11:00 - 12:00	55.7	55.5				
7		12:00 - 13:00	52.5	52.9				
8		13:00 - 14:00	51.5	52.7				
9		14:00 - 15:00	52.9	53.7				
10		15:00 - 16:00	52.9	53				
11		16:00 - 17:00	52.7	52.5				
12		17:00 - 18:00	51.5	52.1				
13		18:00 - 19:00	48.7	48.1				
14		19:00 - 20:00	47.1	48.3				
15		20:00 - 21:00	47.3	47.3				
16		21:00 - 22:00	47.7	48.9				
	Leq DAY		55.2	55.6				
1	Noise Level dB(A) Leq - Night	22:00-23:00	48.4	48.5	CPCB, Protocol for Ambient Level Noise Monitoring -2015	35 dB-135 dB	35 dB(A)	Industrial Commercial Residential Silence
2		23:00-00:00	44.9	45.1				
3		00:00-01:00	44.6	45.1				
4		01:00-02:00	44.9	44.9				
5		02:00-03:00	43.5	43.9				
6		03:00-04:00	42.1	42.8				
7		04:00-05:00	45.8	46.1				
8		05:00-06:00	48.4	47.4				
	Leq NIGHT		44.5	45.2				

*LDL indicates Lower Detection Limit

**All noise measurements are integrated for a 01 hour period. All units in dB(A)

Sampling Assistant ANALYSED BY	(Signature)	(Signature)	(Signature)	(Signature)
	(Gaurav Kant)			(Kumar Vaibhav)
	REVIEWED BY			AUTHORISED SIGNATORY

Month & Year		09/2025		Cluster	Cluster VI	ULR	TC1432125000002171F	
Customer	Environment Department, Bharat Coking Coal Limited (BCL), Koyla Bhawan, Dhanbad (E-mail: gmcenv.bcl@coalindia.in)					Date of Issue	31.10.2025	
Project	Sample Ref. No.					REM/BCL/2025/09	Sampling Method	CMPDI/R1-II/LPM 22
Sampling Stations	i	Nishipur	Date of Sampling	09.09.25	24.09.25	Zone Category of Station:	Buffer Zone	
Sl. No.	Parameter	Hour / Time of day	Observed Values (in Leq dB(A))	Observed Values (in Leq dB(A))	Method of Analysis	Range Of Testing	LDL	NOISE POLLUTION (REGULATION AND CONTROL) RULES, 2000 Standards
			First Fortnight	Second Fortnight				Zone Limits in dB
1	Noise Level dB(A) Leq - Day	06:00 - 07:00	48.9	48.4	CPCB, Protocol for Ambient Level Noise Monitoring -2015	35 dB-135 dB	35 dB(A)	Industrial Commercial Residential Silence
2		07:00 - 08:00	47.3	48.7				
3		08:00 - 09:00	48.8	49.8				
4		09:00 - 10:00	50.7	50.7				
5		10:00 - 11:00	55.5	52.4				
6		11:00 - 12:00	58.4	54.5				
7		12:00 - 13:00	52.5	52.5				
8		13:00 - 14:00	51.5	51.5				
9		14:00 - 15:00	52.7	52.5				
10		15:00 - 16:00	54.4	54.5				
11		16:00 - 17:00	57.5	52.5				
12		17:00 - 18:00	48.8	48.8				
13		18:00 - 19:00	47.5	47.3				
14		19:00 - 20:00	44.5	47.2				
15		20:00 - 21:00	47.1	48.8				
16		21:00 - 22:00	48	47.5				
	Leq DAY		59.0	57.1				
1	Noise Level dB(A) Leq - Night	22:00-23:00	48.5	45.2	CPCB, Protocol for Ambient Level Noise Monitoring -2015	35 dB-135 dB	35 dB(A)	Industrial Commercial Residential Silence
2		23:00-00:00	48.3	44.7				
3		00:00-01:00	44.8	44.8				
4		01:00-02:00	44.1	44				
5		02:00-03:00	44	43.9				
6		03:00-04:00	43.8	44.8				
7		04:00-05:00	46.7	45.2				
8		05:00-06:00	48.1	48.2				
	Leq NIGHT		44.5	44.7				

*LDL indicates Lower Detection Limit

**All noise measurements are integrated for a 01 hour period. All units in dB(A)

Sampling Assistant ANALYSED BY	(Signature)	(Signature)	(Signature)	(Signature)
	(Gaurav Kant)			(Kumar Vaibhav)
	REVIEWED BY			AUTHORISED SIGNATORY

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--- End of Report ---
Page -1 of 2

Vehicle Number	JH10BN8497
Owner Name	G*S C**L S***S
Registering Authority	DHANBAD, Jharkhand
Vehicle Class	Goods Carrier(HGV)
Fuel Type	DIESEL
Emission Norm	BHARAT STAGE IV
Vehicle Age	6 Years & 10 months
Hypothecated	Yes
Vehicle Status	ACTIVE

[Tap to Check the impound/seizure document status](#)

Registration Date	09-Jul-2018
Fitness Valid UpTo	12-Aug-2026
Tax Valid UpTo	27-Jun-2025
Insurance Valid UpTo	30-May-2025
PUCC Valid Upto	29-Jul-2025
Permit Valid UpTo	20-Dec-2028

Vehicle Number	JH10BN8497
Owner Name	G*S C**L S***S
Registering Authority	DHANBAD, Jharkhand
Vehicle Class	Goods Carrier(HGV)
Fuel Type	DIESEL
Emission Norm	BHARAT STAGE IV
Vehicle Age	6 Years & 10 months
Hypothecated	Yes
Vehicle Status	ACTIVE

[Tap to Check the impound/seizure document status](#)

Registration Date	09-Jul-2018
Fitness Valid UpTo	12-Aug-2026
Tax Valid UpTo	27-Jun-2025
Insurance Valid UpTo	30-May-2025
PUCC Valid Upto	29-Jul-2025
Permit Valid UpTo	20-Dec-2028

Periodic Medical Examination**PME; Kusunda Area**

S.No.	TARGET	ACHIEVEMENT
2020	1117	935
2021	1025	826
2022	1033	795
2023	1012	740
2024	1012	310
2025	1012	397

IME 2025	61
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Picture 1 – Ekra Jod



Picture 2 – Covered Transportation



Picture 3 – Avenue Plantation GKKC



Picture 4 (I) – Water Sprinkling on Transportation Road



Picture 4 (II) – Truck Mounted fog canon on Transportation Road



Picture 5 - Stone Pitching/embankment at Kari Jore



Picture 6 - Eco-restoration at GKKC



Picture 7 – Oil & Grease Trap



Picture 8 – Pucca Road for Transportation



Picture 9 – Piezometric well with DWLR Cluster VI shares the same aquifer with cluster V and Cluster VII thus Pizeometers well of Cluster VII and Cluster V will be used for ground water monitoring.