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महानदी कोलफील्ड्स लिमिटेड

Mahanadi Coalfields Limited

(A subsidiary of Coal India Limited)

महानदी कोलफील्ड्स लिमिटेड

(भारत सरकार का उद्यम)

MAHANADI COALFIELDS LIMITED

(A Government of India Enterprise)

Office of Project Officer, Jagannath Colliery

PO, Balanda, Dist. Angul, Pin-752116

E-Mail ID: pojmcmcl2014@gmail.com



MCL

Ref.No. PO/JNC/Envt./EC/2025-26/ 3962

Date: 31/10/2025

To  
The Dy. Director General of Forest (Central)  
Ministry of Envt., Forest and Climate Change  
Integrated Regional Office  
A/3, Chandrasekharapur  
Bhubaneswar – 751023

**Sub:** Half yearly EC Compliance report of Jagannath Colliery (7.5 MTY), MCL for the period of April 2025 to September 2025.

**Dear Sir,**

Enclosed please find herewith the half yearly compliance report for Environmental conditions Vide letter no. J-11015/177/2015-IA.II(M) dated 09.09.2020 for expansion of Jagannath OCP from 6MTPA to 7.5 MTPA for the period of April 2025 to September 2025.

Thanking you.

Yours faithfully,

  
GM (Min.)/Project Officer  
Jagannath OCP, Jagannath Area

GM(MINING) PROJECT OFFICER  
JAGANNATH COLLIERY

Enclosed:

1. Point-wise compliance report on EC conditions.
2. Annexure I to X

Copy:

1. The Additional Director(S), Envt. Monitoring Cell, MoEF, Pariyavaran Bhawan, CGO Complex, New Delhi-110003.

# MAHANADI COAL FIELDS LIMITED



## HALF YEARLY COMPLIANCE STATUS FROM THE PERIOD 01/04/2025 TO 30/09/2025 OF THE CONDITIONS IMPOSED BY MOEF(GOI), NEW DELHI IN ENVIRONMENTAL CLEARANCE IN RESPECT OF JAGANNATH COLLIERY OF JAGANNATH AREA, MCL.

1.	Name of the Project	:	Jagannath Colliery, MCL
2.	Period of the report	:	01/04/2025 to 30/09/2025
3.	No. & Date of MOEF clearance letter	:	J-11015/177/2015-IA-II(M), dated 09.09.2020 of Jagannath OCP from 6 to 7.5MTY
4.	Actual date of commencement	:	26.01.1971
5.	Cost of Project	:	Rs.409.08crore

Compliance for Environmental Clearance Conditions of F.No.J-11015/177/2015-IA-II(M) dated 09.09.2020 of Jagannath OCP from 6 to 7.5MTPA with increase in mine lease area from 430.76 ha to 553.946 ha

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Sl no.	Conditions	Compliance Status
4(ii)	Project proponent shall be required to submit a bank guarantee of an amount of Rs.3987.74 lakhs towards Remediation plan and Natural and Community Resource Augmentation plan with the SPCB prior to the grant of EC.	The Bank Guarantee for Rs. 3987.74 lakhs have been deposited with SPCB, Bhubaneswar on 19.06.2020.
(iii)	The remediation plan shall be completed in 3 years whereas the bank guarantee shall be for 5 years. The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the EAC and approval of the regulatory authority.	Bank guarantees amount of Rs 3987.74 lakhs is deposited for a period of 5 years. However, amendment applied for additional one and half year for compliance of these conditions. IRO inspection has been completed on 19.03.2025.
(iv)	Fund allocation for Corporate Environment Responsibility (CER) of Rs. 2.80 crore/- to be implemented as per the details submitted in the Ministry.	The activities under Corporate Environment Responsibility is in progress.
(v)	Impact due to groundwater abstraction during mining operations analytical and numerical modeling by micro water shed analysis shall be completed at the earliest and submitted to the Ministry and its concerned regional office	Modeling of mining impact due to ground water abstraction has been done during preparation of comprehensive hydro-geological report by CGWA consultancy.
(vi)	Embankment to be constructed along the Bangarunallah	Construction work has been completed on 31.01.2024
(vii)	No discharge of mine water outside the Mining lease area.	Mine water is not discharged outside the Mining lease Area.
(viii)	Regular water quality to be monitored upstream and downstream of Brahmani River with flow of the river to observe the impact of Bangarunallah.	The water quality in upstream and downstream of Bangarunallah is being monitored. Work for monitoring the water quality of upstream and downstream of Brahmani River with flow of the river to know the impact of Bangaru nallah included in annual work program of CMPDIL of F.Y.2024-25.
(ix)	Action plan as submitted to Ministry to control air pollution at Rakas village to be implemented into to.	Action plan submitted to Ministry to control air pollution at Rakasvillage is being implemented. Total Family still has not shifted from Rakas village.
(x)	All statutory precautions shall be taken as per the DGMS permission.	All statutory precautions are being undertaken as per DGMS' permission.
(xi)	Wildlife conservation plan shall be prepared for Schedule I (Peafowl) species present in the study area and submitted to the Competent Authority for approval. Same shall be implemented after Approval of the Competent Authority.	Wildlife management plan for Schedule-I fauna (Peafowl) will be prepared and implemented. DFO, Angul has been requested to prepare a wildlife management plan. However, site specific plan for wildlife has been made by neighbor mine Ananta OCP for buffer zone.

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<b>(xii)</b>	The Environmental Clearance will not be operational till such time the Project Proponent complies with all the statutory requirements and judgment of Hon'ble Supreme Court dated the 2 <sup>nd</sup> August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors.	Then the State Govt. filed a Special Leave Petition bearing SLP(C) No. 7283/2021 before the Hon' ble Supreme Court of India, challenging the judgment and order dated 05.02.2021 passed by the Hon'ble High Court of Orissa W.P. (C) No. 38635/2020. The Hon'ble Apex Court dismissed the above SLP vide order dated 05.09.2022 with an observation that, the impugned judgment is in the nature of remand order, to the committee of experts and hence they are not inclined to interfere to impugned judgment. It has also been observed that, they hope and expect that, the committee of experts will take up the matter for hearing and decide expeditiously. (Copy enclosed as Annexure- I)
<b>(xiii)</b>	State Government concerned shall ensure that mining operation shall not commence till the entire compensation levied, if any, for illegal mining paid by the Project Proponent through their respective Department to of Mining & Geology in strict compliance of judgment of Hon'ble Supreme Court dated the 2nd August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors.	Then the State Government filed a special leave petition bearing SLP(C) No. 7283/2021 before the Hon'ble Supreme Court of India challenging the judgment and order dated 05.02.2021 passed by the Hon'ble High Court of Odisha in W.P.(C) No. 38635/2020. The Hon'ble Apex Court dismissed Cause versus Union of India and Ors. the above SLP vide order dated 05.09.2022 with an observation that, the impugned judgment is in the nature of remand order, to the committee of experts and hence they are not inclined to interfere to impugned judgment. It has also been observed that, they hope and expect that, the committee of experts will take up the matter for hearing and decide expeditiously.
<b>(xiv)</b>	Automatic mist type sprinkling system shall be installed at crusher house. During transportation of coal from Mine to CHP shall be done by covered trucks with tarpaulin. Adequate number of water sprinklers shall be provided to control dust along coal transport roads	CHP is not in operation since TTPS/NTPC stopped receiving the coal by belt. Instant shower system is in operation at exit of the mine. 4 nos of water sprinklers (28KL) are applied for dust suppression in CT roads. Also one mobile fog canon is in operation for dust suppression. Local sale Trucks are covered with tarpaulin and HYVA used for transportation of coal for washery are also covered.
<b>(xv)</b>	Effective dust suppression system shall be adopted along the rail way siding area and between villages. Fabric wind barrier shall be established along the Railway Siding and between villages.	Railway siding is not under the administrative control of Jagannath OCP. However, the railway sidings (I,II, III,IV,V & VI) are installed with fixed type fog cannons 100m throw and sprinklers to curb dust pollution.
<b>(xvi)</b>	Solid waste management as per SWM rules 2016 shall be complied within their colony.	The work is going to collect household wastage from individual quarters and cleaning of dustbins in the surroundings.
<b>(xvii)</b>	Energy conservation measures adhering to part of ECBC norms shall be complied with.	200 nos of 110W, 60 nos of 400W, 60 nos of 250W, 80 nos 200W, 12 nos of 18W/36W/20W LED lights are installed in Jagannath and Balanda colony. 15 nos of 1000W, 110 nos of 400W, 120 nos of 200W and 80 nos of 250W 40 nos of 110W & 80 nos

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		of 18W/20W/36W LED lights are installed in mines from April 2025 September 2025 to conserve the energy
(xvii i)	Quality of Mine discharge water, if any, will be used for drinking purpose shall be checked and should meet the prescribed drinking water standards	Mine discharge water is not used for drinking purposes. It is used for dust suppression.
(xix)	Periodical health check-up shall be conducted to monitor the impact of heavy metals present in core zone & buffer zone air quality and also to prepare an action plan to reduce heavy metals concentration and also report to be submitted to concerned regional office of MoEF &CC.	Heavy metals are being monitored and are below detection level in air quality of core and buffer zones. The Periodical health check-up will be conducted if level of heavy metal increases above the standard.
(xx)	Study on "Impact of coal mining dust on the soil quality with respect to Physico-chemical, fertility status, exchangeable cations, CEC, and productivity of soil to be carried out and the study report with dully authentication and verification by the concerned authority be submitted to Ministry and concerned regional office by 31.3.2021	The Final report was submitted on 16.11.2021
(xxi)	Project proponent shall obtain closure report from the concerned regional office regarding time bound action plan submitted for partially complied with earlier EC conditions.	The closure report will be obtained from the concerned regional office regarding time-bound action plan submitted for partially complied with earlier EC conditions.
(xxii )	The mining lease holder shall, after ceasing mining operations, under take re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to condition which is fit for growth of fodder, flora and fauna etc.	Re-grassing has been done on part of the mine area where mining operation is ceased, and this area is also biologically reclaimed. The slopes of the internal dumps where further dumping is not possible, grassing is being done.
(xxii i)	Persons of nearby villages shall be given training on livelihood and skill development to make them employable.	Under CSR activities of Jagannath Area, 31 nos. of youth from Talcher area have been provided skill development training in welding, plumbing, molding, etc., for a period of six months at CIPET, Bhubaneswar free of cost in the year 2019-2020 and 2020-2021. In OB outsourced company i.e SRG Earth Mover Ltd. and M/S Krishna given employment to 302 nos people of Rakash, Dera, Joragadia etc villages.
(xxi v)	To ensure health and welfare of nearby villages, regular medical camps shall be organized at least once in six months.	Medical camps are being conducted for health and welfare of nearby villages.
(xxv )	Thick green belt of 75m width at the final boundary in the down wind direction of the project site shall be developed to mitigate/check the dust pollution	Plantation in 9Ha land has been completed in 2020-21 and 2021-22. The rest of the area in the boundary of expansion will be taken up after technical reclamation.

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### 5.1 (a) Statutory compliance

Sl. no.	conditions	Compliance status
(i)	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.	For 58.096 Ha Forest land FC obtained vide letter no. 8-70/2004-FC,dt-19.11.2004 and for 24.64 Ha Forest land FC obtained vide letter no. 8-87/2012-FC dt-15-03-2013.
(ii)	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable	The clearance will be obtained after the specific wildlife conservation plan is made.
(iii)	The project proponent shall prepare a Site-Specific Conservation Plan / Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plans shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report (in case of the presence of Schedule-I species in the study area).	Wildlife conservation plans will be prepared and implemented in consultation with the State Forest Department.
(iv)	The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/Committee.	The project has obtained CTE on date 04/10/2018 for 5 years vide letter no. 11986/IND-II-NOC-6181 and CTO valid up to 31.03.2026 vide letter No. 4334/IND-I-CON-199 Date 22.03.2023.
(v)	The project proponent shall obtain the necessary permission from the Central Ground Water Authority.	NOC issued by CGWA, New Delhi vide NOC No- CGWA/NOC/MIN/REN/1/2024/9594 with validity up to 30/01/2026.
(vi)	Solid/hazardous waste generated in the mines needs to be addressed in accordance to the Solid Waste Management Rules, 2016/Hazardous & Other Waste Management Rules, 2016.	Authorization has been obtained up to 31.03.2026 vide No. IND-IV-HW-225/3627 Dated. 15.03.2024.

### (b) Air quality monitoring and preservation

Sl. No.	Condition	Compliance status
(i)	Continuous ambient air quality monitoring stations as prescribed in the statute be established in the core zone as well as in the buffer zone for monitoring of pollutants, namely PM10, PM2.5, SO2 and NOx. 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. Online ambient air quality monitoring stations may also be installed in addition to the regular monitoring stations as per the requirement and/or in consultation with the SPCB. Monitoring of heavy metals such as Hg, As, Ni, Cd, Cr, etc. to be carried out at least once	In consultation with the state pollution control board, the ambient air quality monitoring stations area established in core zone and buffer zone. An Online Ambient Monitoring station has been installed near Dera village in consultation with SPCB. Monitoring heavy metals such as Hg, As, Ni, Cd, Cr are being carried out once in six months.

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	in six months	
(ii)	The Ambient Air Quality monitoring in the core zone shall be carried out to ensure the Coal Industry Standards notified vide GSR 742 (E) dated 25 <sup>th</sup> September, 2000 and as amended from time to time by the Central Pollution Control Board. Data on ambient air quality and heavy metals such as Hg,As,Ni,Cd, Cr and other monitoring data shall be regularly reported to the Ministry/Regional Office and to the CPCB/SPCB.	In consultation with the state pollution control board ambient air quality monitoring stations area established in core zone Monitoring heavy metals such as Hg,As,Ni,Cd, Cr are being carried out once in six months. Report Enclosed in Annexure- II) The monitoring reports are being submitted to Ministry and Regional offices. Dust survey is being done by safety department of Jagannath OCP. (Report enclosed in Annexure-III)
(iii)	Transportation of coal, to the extent permitted by road, shall be carried out by covered trucks/conveyors. Effective control measures such as regular water/mist sprinkling/rain gun etc shall be carried out in critical areas prone to air pollution (with higher values of PM10/P M2.s) such as haul road, loading/unloading and transfer points. Fugitive dust emissions from all sources shall be controlled regularly. It shall be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central/State Pollution Control Board.	All trucks carrying coal which move out of the Mine premises are covered. Effective dust suppression is being done near the CHP roads and the points of loading and unloading operation. The following dust control measures are installed. In FC ,56 nos of misters installed in 4 circuits and 4nos of 30 mt and 20 nos of 20 mt sprinklers along belt line are installed and also a fixed type fog cannon has been installed at top of the FC. Water sprinklers -4 nos of 28KL used for dust suppression in haul roads. Also One mobile fog canon is in operation for dust suppression.
(iv)	The transportation of coal shall be carried out as per the provisions and route envisaged in the approved Mining Plan or environment monitoring plan. Transportation of the coal through the existing road passing through any village shall be avoided. In case, it is proposed to construct a 'bypass' road, it should be so constructed so that the impact of sound, dust and accidents could be appropriately mitigated.	Coal corridor roads are used for transporting coal out of the premises of mine. The road does not pass through any villages. Bypass roads for villagers are constructed. Total length of coal corridor road is 21.6km.
(v)	Vehicular emissions shall be kept under control and regularly monitored. All the vehicles engaged in mining and allied activities shall operate only after obtaining 'PUC' certificate from the authorized pollution testing center.	HYVAs having PUC Certificate are allowed for coal production and transportation up to stock, siding and FC. For outsourcing OB production M/S BL company engages its dumper having PUC certificate. (Copy enclosed in Annexure-IV)
(vi)	Coal stockpile /crusher/feeder and breaker material transfer points shall invariably be provided with dust suppression system. Belt conveyors shall be fully covered to avoid airborne dust. Side cladding all along	At feeder and transfer points, misters and sprinklers are installed. Belts are fully covered and side cladding along the conveyor are

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	the conveyor gantry should be made to avoid airborne dust. Drills shall be wet operated on or fitted with dust extractors.	made. All 05 nos drills are fitted with dust extractor and wet cutting arrangements.
(vii)	Coal handling plant shall be operated with effective control measures w.r.t. various environmental parameters. Environment friendly sustainable technology should be implemented for mitigating such parameters.	CHP is not in operation due to stoppage of coal transportation to TTPS/NTPC. In FC ,56nos of misters installed in 4 circuits and 4nos of 30mt and 20nos of 20mt sprinklers along belt line are installed.

**(c) Water quality monitoring and preservation**

Sl. No.	conditions	Compliance status
(i)	The effluent discharge (mine waste water, workshop effluent) shall be monitored in terms of the parameters notified under the Water Act, 1974 Coal Industry Standards vide GSR742(E) dated 25 <sup>th</sup> September, 2000 and as amended from time to time by the Central Pollution Control Board.	The effluent discharge is being monitored as per notification by Central Pollution Control Board. The monitoring report is being submitted to the SPCB.
(ii)	The monitoring data shall be uploaded on the company's website and displayed at the project site at a suitable location. The circular No. J-200 12 / 1/2006-IA.11 (M) dated 27 <sup>th</sup> May, 2009 issued by Ministry of Environment, Forest and Climate Change shall also be referred in this regard for its compliance.	The monitoring data is uploaded in the company's website regularly and monitored data is being displayed at display board fitted at Project Office of Jagannath OCP.
(iii)	Regular monitoring of ground water level and quality shall be carried out in and around the mine lease area by establishing a network of existing wells and constructing new piezometers during the mining operations. The monitoring of ground water levels shall be carried out four times a year i.e. pre-monsoon, monsoon, post-monsoon and winter. The ground water quality shall be monitored once a year, and the data thus collected shall be sent regularly to MOEFCC/RO.	The ground water level around the mine lease area are monitored through piezometers four time a year i.e pre monsoon, monsoon, post monsoon and winter and data collected is being sent to Ministry. Groundwater quality is monitored once in a year. (Attached in Annexure-V) and monitoring of ground water level data enclosed in Annexure-VI
(iv)	Monitoring of water quality upstream and downstream of water bodies shall be carried out once in six months and record of monitoring data shall be maintained and submitted to the Ministry of Environment, Forest and Climate Change/Regional Office.	Monitoring of water quality upstream and downstream of water bodies is being carried out once in six months and data is being submitted to the Ministry of Environment, Forest and Climate Change/Regional Office. (Report Attached in Annexure-VII)
(v)	Ground water, excluding mine water, shall not be used for mining operations. Rainwater harvesting shall be implemented for conservation and augmentation of ground water resources.	Only mine water is used for mines operations and dust suppression etc. Rain water harvesting to augment ground water resources are done at 23 points i.e at Project office, JET Hostel, South balanda civil office, JD/02, JC/14,

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		Primary school, CMPF Office, JB/03, JB D/S, Kalakendra, Dispensary, A type(Gobaraline), A type(STP Line)
(vi)	Catch and/or garland drains and siltation ponds in adequate numbers and appropriate size shall be constructed around the mine working, coal heaps & OB dump stop reventrun of fofwater and flow of sediments directly into the river and water bodies. Further, dump material shall be proper consolidated/ compacted and accumulation of water over dumps shall be avoided by providing adequate channels for flowo fsilt in to the drains. The drains/ ponds so constructed shall be regularly de-silted particularly before on set of monsoon and maintained properly. Sump capacity should provide adequate retention period to allow proper settling of silt material. The waters ocollected in the sump shall be utilized for dust suppression and green belt development and other industrial use. Dimension of the retaining wall constructed, if any, at the toe of the OB dumps within the mine to check run-off and siltation should be based on the rainfall data. The plantation of native species to be made between toe of the dump and adjacent field/habitation/water bodies.	Catch drains are constructed around the mine working area, coal heap and OB dump. The run-offis being collected in existing 3 number of sumps of the mine to prevent flow of sediments directly in to the river and water bodies .External dump of mine is stabilised and biologically reclaimed. Toe wall is constructed at the foot of the dump. All drains present in the mines are de-silted regularly before the monsoon.
(vii)	Adequate groundwater recharge measures shall be taken up for augmentation of ground water. The project authorities shall meet water requirement of nearby village(s) after due treatment conforming to the specific requirement (standards).	Groundwater recharge is done in the 23 nos. recharge pits developed at Jagannath colony, PO Office building, Jet Hostel and civil office building. Apart from that in the Mines, 3 nos large sumps acts as reservoir and recharge the ground water. The nearby villages are being provided with water from IWSS for drinking water purposes by water tanker.
(viii)	Industrial waste water generated from CHP, workshop and other waste water, shall be properly collected and treated so as to conform to the standards prescribed under the standards prescribed under Water Act1974 and Environment (Protection)Act, 1986andthe Rules made the re under, and as amended from time to time. Adequate ETP/STP needs to be provided.	Near workshop, ETP is in operation for treatment of industrial waste water. The capacity of ETP is 140cum/day. One STP of 1 MLD capacity is in operation for treatment of domestic effluent. All parameters are maintained as per prescribed standard.
(ix)	The water pumped out from the mine, after siltation, shall be utilized for industrial purpose viz. watering the mine area, roads, green belt development etc. The drains shall be regularly desilted particularly after monsoon and maintained properly.	The water pumped out from the mine, after siltation, is being utilized for firefighting, dust suppression. The drains are regularly desilted.
(x)	The surfacedrainageplanincludingsurfacewaterconservationplanfortheareaofinfluence affected by the said mining operations, considering the presence of	The lease area is bounded by mining leases of Ananta OCP, Bharatpur OCP, Balanda OCP on all directions. However,

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	river/rivulet/pond/lake etc, shall be prepared and implemented by the project proponent. The surface drainage plan and/or any diversion of natural water courses shall be as per the approved Mining Plan/EIA/EMP report and with due approval of the concerned State/Go! Authority. The construction of embankment to prevent any danger against inrush of surface water into the mine should be as per the approved Mining Plan and as per the permission of DGMS or any other authority as prescribed by the law.	the area is primarily drain by a stream named Bangarunallah located at about 100mt north of the mining lease. Work of a Mound/embankment (dimensions of 600 m (Length) X 2.00 m (width) X 3.00 m (Height)), from earthen material with stone pitching towards the nallah side has been completed.
(xi)	The project proponent shall take all precautionary measures to ensure riverine/riparian ecosystem in and around the coal mine up to a distance of 5 km. A riverine/riparian ecosystem conservation and management plan should be prepared and implemented inconsultationwiththeirrigation/waterresourcedepartmentinthestategovernment.	The lease area is bounded by mining leases of Ananta OCP, Bharatpur OCP, Balanda OCP on all directions. However, the area is primarily drain by a stream namely Bangarunallah located at about 100mt north of the mining lease. Work of a Mound/embankment (dimensions of 600 m (Length) X 2.00 m (width) X 3.00 m (Height)), from earthen material with stone pitching towards the nallah side has been completed. Monsoon plan is prepared every year to assess the dangers.

**(d) Noise and Vibration monitoring and prevention**

Sl. No.	Conditions	Compliance status
(i)	Adequate measures shall be taken for control of noise levels as per Noise Pollution Rules, 2016 in the work environment. Workers engaged in blasting and drilling operations, operation of HEMM, etc shall be provided with personal protective equipments (PPE) like ear plugs/muffs in conformity with the prescribed norms and guidelines in this regard. Adequate awareness programme for users to be conducted. Progress in usage of such accessories to be monitored.	The noise level survey at the working place and at mine operations are being conducted regularly (copy enclosed in (Annexure –VIII). Personal Protective equipments are being distributed to workers engaged in blasting, drilling and HEMM operations. Awareness programmes and safety talks at the start of shift are conducted. Safety day celebrated and Safety meeting once in a month is being conducted.
(ii)	Controlled blasting techniques shall be practiced in order to mitigate ground vibrations, fly rocks, noise and air blast etc., as per the guidelines prescribed by the DGMS.	Control blasting techniques with help of RAYDET/NONEL is used for initiation down the hole. Also, proper stemming is being done to control the fly rocks. In addition, guidelines prescribed by DGMS are followed.
(iii)	The noise level survey shall be carried out as per the prescribed guidelines to assess noise exposure of the workmen at vulnerable points in the mine premises, and report in this regard shall be submitted to the Ministry/RO on six-monthly basis.	Noise level survey is carried out as per the prescribed guidelines to assess the noise exposure of workmen at vulnerable points in the mine premises (copy enclosed in Annexure -IX)

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**(e) Mining Plan**

Sl. No.	Conditions	Compliance Status
(i)	Mining shall be carried out under strict adherence to provisions of the Mines Act 1952 and subordinate legislations made there-under as applicable.	Mining is strictly carried out as per Mines Act 1952 & subordinate legislations.
(ii)	Mining shall be carried out as per the approved mining plan (including Mine Closure Plan) abiding by mining laws related to coal mining and the relevant circulars issued by Directorate General Mines Safety (DGMS).	Mining is carried out as per the approved mining plan including mine closure plan and abiding by mining laws and relevant circulars issued by DGMS
(iii)	No mining shall be carried out in forest land without obtaining Forestry Clearance as per Forest (Conservation) Act, 1980.	Mining is carried out in forest land after obtaining forest clearance. For 58.096 Ha Forest land FC obtained vide letter no. 8-70/2004-FC, dt-19.11.2004 and for 24.64 Ha Forest land FC obtained vide letter no. 8-87/2012-FC dt-15-03-2013
(iv)	Efforts should be made to reduce energy and fuel consumption by conservation, efficiency improvements and use of renewable energy.	200 nos of 110W, 60 nos of 400W, 60 nos of 250W, 80 nos 200W, 12 nos of 18W/36W/20W LED lights are installed in Jagannath and Balanda colony. 15 nos of 1000W, 110 nos of 400W, 120 nos of 200W and 80 nos of 250W 40 nos of 110W & 80 nos of 18W/20W/36W LED lights are installed in mines from April 2025 September 2025 to conserve the energy

**f) Land reclamation**

Sl. No.	Conditions	Compliance status
(i)	Digital Survey of entire lease hold area/core zone using Satellite Remote Sensing survey shall be carried out at least once in three years for monitoring land use pattern and report in I :50,000 scale or as notified by Ministry of Environment, Forest and Climate Change (MOEFCC) from time to time shall be submitted to MOEFCC/Regional Office (RO).	The digital survey of entire lease hold area/core zone using satellite remote sensing survey has been done & the report has been submitted to MoEF&CC vide letter no. MCL/SBP/GM(E&F)/2018/9075 dated 15.06.2018.
(ii)	The final mine void depth should preferably be as per the approved Mine Closure Plan, and in case it exceeds 40m, adequate engineering interventions shall be provided for sustenance of aquatic life therein. The remaining area shall be backfilled and covered with thick and alive top soil. Post-mining land be rendered usable for agricultural/forestry purposes and shall be diverted. Further action will be treated as specified in the guidelines for	Noted and complied. The final mine void will be kept as per the approved mine closure plan. Mine closure plan for 7.5MTPA has been approved by the MOC, GOI on 16.05.2017

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	Preparation of Mine Closure Plan issued by the Ministry of Coal dated 27 <sup>th</sup> August, 2009 and subsequent amendments.	
(iii)	The entire excavated area, backfilling, external OB dumping (including top soil) and afforestation plan shall be in conformity with the "during mining"/" post mining" land-use pattern, which is an integral part of the approved Mining Plan and the EIA/EMP submitted to this Ministry. Progressive compliance status vis-a-vis the post mining land use pattern shall be submitted to the MoEF&CC/RO.	Jagannath OCP Expansion 6.00 to 7.5 MTPA) is a ongoing project. The details of excavated area, backfilling& afforestation plan is in conformity to approved Mining plan & EIA/EMP submitted to Ministry & progressive compliance status vis-a-vis the post mining land use pattern are submitted six monthly bases. Status up to September 2025: Area excavated-415.00 Ha De coaled Area-379.79 Ha Technically Reclaimed-216.63Ha Biologically Reclaimed (Internal Dump)-138.15Ha Area under External Dump-36.47Ha Biological Reclaimed (External Dump)- 36.47 Ha
iv	Fly ash shall be used for external dump of over burden, back filling or stowing of mine as per provisions contained in clause (i) and (ii) of subparagraph (8) of fly ash notification issued vide SO2804 (E) dated 3 <sup>rd</sup> November, 2009 as amended from time to time. Efforts shall be made to utilize gypsum generated from Flue Gas Desulfurization (FGD), if any, along with fly ash for external dump of overburden, backfilling of mines. Compliance report shall be submitted to Regional Office of MoEF&CC, CPCB and SPCB.	No fly ash is dumped over external OB dump, back filling or stowing of mine as per provisions contained in clause (i) and (ii) of sub paragraph (8) of fly ash notification issued vide SO2804(E) dated 3 <sup>rd</sup> November, 2009
(v)	Further, it may be ensured that as per the time schedule specified in mine closure plan it should remain live till the point of utilization. The topsoil shall temporarily be stored at earmarked site(s) only and shall not be kept unutilized. The top soil shall be used for land reclamation and plantation purposes. Active OB dumps shall be stabilized with native grass species to prevent erosion and surface run off. The other overburden dumps shall be vegetated with native flora species. The excavated area shall be back filled and afforested in line with the approved Mine Closure Plan. Monitoring and management of rehabilitated areashallcontinueuntilthevegetationbecomesself-sustaining.Compliancestatusshallbe submitted to the Ministry of Environment, Forest and Climate Change/ Regional Office	The topsoil has been stored at a separate place and topsoil is being spread over the technical reclaimed area for plantation. Plantation is being done at the top and slope of OB dumps for stabilization. A total of 3,27,236 nos of plants has been planted under Jagannath OCP in an area of 138.205 Ha since 1992-93.
(vi)	The project proponent shall make necessary alternative arrangements, if grazing land is involved in core zone, in consultation with the State government to provide alternate areas for livestock grazing, if any. In this context, the project proponent shall implement the directions of Hon'ble Supreme Court with regard to acquiring grazing land	No grazing land is involved in the project.

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**(g) Green Belt**

Sl. No.	Conditions	Compliance Status
(i)	The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered/endemic flora/ fauna, if any, spotted /reported in the study area. The Action plan in this regard, if any, shall be prepared and implemented in consultation with the State Forest and Wildlife Department.	Wildlife conservation plans will be prepared and implemented in consultation with the State Forest Department.
(ii)	Greenbelt consisting of 3-tier plantation of width not less than 7.5 m shall be developed all along the mine lease area as soon as possible. The green belt comprising a mix of native species (endemic species should be given priority) shall be developed all along the major approach/ coal transportation roads.	4Ha area planted in the year 2020 and 5Ha area planted in year 2021 with native species all along the mine lease area.

**(h) Public hearing and Human health issues**

Sl. No.	Conditions	Compliance status
(i)	Adequate illumination shall be ensured in all mine locations (as per DGMS standards) and monitored weekly. The report on the same shall be submitted to this ministry & its RO on six-monthly basis.	Illumination is being measured in luxmeter and maintained as per the DGMS standards by the Safety Department of Jagannath OCP. The monitored illumination report is being submitted. (copy enclosed in Annexure - X)
(ii)	The project proponent shall undertake occupational health survey for initial and periodical medical examination of the personnel engaged in the project and maintain records accordingly as per the provisions of the Mines Rules, 1955 and DGMS circulars. Besides regular periodic health check-up, 20% of the personnel identified from work force engaged in active mining operations shall be subjected to health check-up for occupational diseases and hearing impairment, if any, as amended time to time.	The occupational health survey of the workers engaged in the project is being conducted departmentally by the Regional Hospital and Records are maintained at Hospital and safety department of the project. From April 2025 to September 2025, PME conducted 297 nos and 31 nos IME conducted for Departmental workers. and IME conducted 189 nos for Contractual workers
(iii)	Personnel (including outsourced employees) working in core zone shall wear protective respiratory devices and shall also be provided with adequate training and information on safety and health aspects.	PPE is being distributed as per the requirement and monitoring is being done for compliance of the PPE usage. From April 2025 to September 2025 Vocational Training imparted to person- Departmental: 89(Refresher), Contractual: 65(Refresher),
(iv)	Implementation of the action plan on the issues raised	The issues raised in the public hearing

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	during the public hearing shall be ensured. The project proponent shall undertake all the tasks/ measures as per the action plan submitted with budgetary provisions during the public hearing. Land outsees shall be compensated as per the norms laid down in the R&R policy of the company/State Government/Central Government, as applicable.	<p>are being implemented.</p> <ol style="list-style-type: none"> <li>1.Coal corridor road has been completed.</li> <li>2. Internal Concrete Road completed about 93% from total length of 7 KM.</li> <li>3.Instant shower system at the exit point has been installed.</li> <li>4.Control blasting technique is in practice.</li> <li>5.Plantation of 8000nos plants has been completed in F.Y. 2021-22.</li> <li>6. Drinking water is being supplied to nearby villagers through tankers.</li> </ol> <p>The land outsees has been duly compensated as per the norms laid down in the R&amp;R Policy of Govt. of Odisha.</p>
(v)	The project proponent shall follow the mitigation measures provided in this Ministry's OM No.Z-11013/5712014-IA.II(M)dated29 <sup>th</sup> October,2014, titled' Impact of mining activities on habitations-issues related to the mining projects where inhabitations and villages are the part of mine lease areas or habitations and villages are surrounded by the mine lease area.	<p>Regular monitoring of water table is being done to ascertain the impact of mining over ground table.</p> <p>Main haulage roads of mine and other roads are regularly wetted by water sprinklers.</p> <p>Control blasting is carried out to mitigate the noise and vibration.</p> <p>Coal corridors have been constructed away from habitat to mitigate dust and fugitive emission.</p>

**(i)Corporate Environment Responsibility**

Sl. No.	Conditions	Compliance Status
(i)	Theprojectproponentshallcomplywiththeprovisionse ontainedinthisMinistry'sOMvide F.No.22-65/2017-IA. IIIIdated1 <sup>st</sup> May2018, as applicable, regarding Corporate Environment Responsibility.	The activities under Corporate Environment Responsibility will be undertaken.
(ii)	The company shall have a well laid down environmental policy duly approve by the Board ofDirectors.Theenvironmentalpolicyshouldprescribe forstandardoperatingprocedures to have proper checks and balances and to bring into focus any infringement s/deviation/ violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the environmental/forest/wildlife norms/conditions and/or shareholders/stakeholders.	The company has well laid down environmental policy approved by the MCL Board on 18.04.2019 as per CIL policy.
(iii)	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive,	Already framed and implemented from HQ level to Unit Level. The organizational chart is enclosed as below: Project Environment Officer → Area

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	who will directly to the head of the organization.	Environment Officer →GM (Envt). Between each step, line management has been appraised. At Unit level: Project Evt. Officer→ Project Officer. At Area level: Area Evt. Officer→General Manager. At HQ level: GM (Envt) →D (T/P&P).
(iv)	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate accounts and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.	Action plan already prepared in EIA-EMP and year wise fund for Environmental Protection measures is also incorporated. Responsibility for the different departments is being fixed by the competent authority for compliance with the environmental conditions.
(v)	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	Environmental audit is conducted annually by a team of people from different disciplines from MCL HQ and in every three years third party environmental audit is being carried out.

**(j) Miscellaneous**

Sl. No.	Condition	Compliance Status
(i)	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safe guards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's web site permanently.	Advertisements have been made in two local newspapers, of which one is in vernacular language.
(ii)	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	The Environment Clearance copies have been submitted to the Heads of the local bodies, Panchayats, in addition to the Govt. offices for display.
(iii)	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	It has been uploaded to the website and updated half yearly.
(iv)	The project proponent shall monitor the criteria pollutants level namely, PM10, S O2, NOx (ambient levels) or critical sectoral parameters, indicated for the projects and display the same at a convenient location	The monitoring data is displayed at Project Office, Balanda showing Ambient levels.

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	for disclosure to the public and put on the website of the company.	
(v)	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the Ministry of Environment, Forest and Climate Change at environment clearance portal.	The status of the environment conditions is being submitted six monthly to MoEF and Regional Office.
(vi)	The project proponent shall follow the mitigation measures provided in this Ministry's OM No. Z-11013/5712014-IA. II(M)dated29 <sup>th</sup> October,2014, titled 'Impact of mining activities on habitations-issues related to the mining projects wherein habitations and villages are the part of mine lease areas or habitations and villages are surrounded by the mine lease area'.	Noted and complied. Regular monitoring of water table is being done to ascertain the impact of mining over ground table. Main haulage road of the mine and other roads are regularly wetted by water sprinklers. Control blasting is carried out to mitigate the noise and vibration. Coal corridors have been constructed away from habitat to mitigate dust and fugitive emission.
(vii)	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection)Rules,1986.as amended subsequently and put on the website of the company.	The environment statement for each financial year being submitted in Form-V to SPCB. Last Environment Statement submitted on dated 29.08.2025
(viii)	The project authorities shall inform to the Regional Office of the MOEF&CC regarding commencement of mining operations.	It is an ongoing project and EC is obtained for expansion from 6MTPA to 7.5MTPA.
(ix)	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government	Noted. CTO obtained up to 31.03.2026 vide letter No. 433/IND-I-CON-199 Date: 22.03.2023
(x)	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	Noted. The issues raised in the public hearing are being implemented.
(xi)	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change.	Noted. No further expansion or modification will be made without approval of the Ministry of Environment, Forest & Climate change.
(xii)	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act,1986.	Noted
(xiii)	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not	Noted

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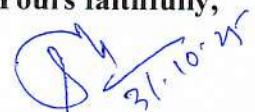
	satisfactory.	
(xiv)	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Noted
(xv)	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer(s) of the Regional Office by furnishing the requisite data / information/ monitoring reports.	Noted
(xvi)	The above conditions shall 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, Hazardous and Other Wastes (Management and Trans-boundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendment and rules made thereunder and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.	Noted
<b>Sl. No.</b>	<b>Conditions</b>	<b>Compliance status</b>
5	The proponent shall abide by all the commitments and recommendations made in the EIA/EMP report as well as during presentation to the EAC. All the commitments made on the issues raised during public hearing shall also be implemented by the EC in letter and spirit.	Noted
6	The proponent shall obtain all necessary clearances /approvals that may be required before the start of the project. The Ministry or any other competent authority may stipulate any further condition for environmental protection.	Noted and complied
7	Any appeal against this Environment Clearance (EC) shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted
8	The coal company/ project proponent shall be liable to pay the compensation against illegal mining, if any, and	Then the State Govt. filed a Special

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	as raised by the respective State Governments at any point of time, in terms of the orders dated 2 <sup>nd</sup> August, 2017 of Hon'ble Supreme Court in WP (Civil) No.114/2014 in the matter of ' Common Cause Vs Union of India& others.	Leave Petition bearing SLP(C) No. 7283/2021 before the Supreme Court India, challenging the judgment and order dated 05.02.2021 passed by the Hon'ble High Court of Orissa in W.P. ( C ) No. 38635/2020. The Hon'ble Apex Court dismissed the above SLP vide order dated 05.09.2022 with an observation that, the impugned judgment is in the nature of remand order, to the committee of experts and hence they are not inclined to interfere to impugned judgment. It has also been observed that, they hope and expect that, the committee of expert will take up the matter for hearing and decide expeditiously.
9	The concerned State Government shall ensure no mining operations to commence till the entire compensation for illegal mining, if any, is paid by the project proponent through their respective Department of Mining & Geology, in strict compliance of the judgment of Hon'ble Supreme Court.	Then the State Govt. filed a special Leave Petition bearing SLP(c ) No. 7283/2021 before the Hon'ble Supreme Court of India, challenging the judgment and order dated 05.02.2021 passed by the Hon'ble High Court of Orissa in. W.P. (C) No. 38635/2020 . The Hon'ble Apex Court dismissed the above SLP vide order dated 05.09.2022 with an observation that, the impugned judgment is in the nature of remand order, to the committee of experts and hence they are not inclined to interfere to impugned judgment. It has also been observed that, they hope and expect that, the committee of experts will take up the matter for hearing and decide expeditiously.
10	This Environment Clearance (EC) shall not be operational till such time the project proponent complies with the above-mentioned judgment of Hon'ble Supreme Court, as applicable and other statutory requirements.	Complied and noted

This is for your kind information.

Yours faithfully,

  
  
**GM(Min.)/Project Officer**  
**Jagannath OCP, Jagannath Area**  
**GM(MINING) PROJECT OFFICER**  
**JAGANNATH COLLIERY**

ITEM NO.4

COURT NO.12

SECTION XI-A

S U P R E M E C O U R T O F I N D I A  
R E C O R D O F P R O C E E D I N G S

Petition for Special Leave to Appeal (C) No. 7231/2021

(Arising out of impugned final judgment and order dated 05-02-2021 in WPC No. 38415/2020 passed by the High Court Of Orissa at Cuttack)

THE STATE OF ODISHA & ANR.

Petitioner(s)

VERSUS

M/S MAHANADI COALFIELDS LIMITED & ANR.

Respondent(s)

(FOR ADMISSION and I.R. and IA No.64374/2021-EXEMPTION FROM FILING C/C OF THE IMPUGNED JUDGMENT )

WITH

SLP(C) No. 7242/2021 (XI-A)

(FOR ADMISSION and I.R. and IA No.64466/2021-EXEMPTION FROM FILING C/C OF THE IMPUGNED JUDGMENT)

SLP(C) No. 7233/2021 (XI-A)

(FOR ADMISSION and I.R. and IA No.64403/2021-EXEMPTION FROM FILING C/C OF THE IMPUGNED JUDGMENT)

SLP(C) No. 7207/2021 (XI-A)

(FOR ADMISSION and I.R. and IA No.63983/2021-EXEMPTION FROM FILING C/C OF THE IMPUGNED JUDGMENT)

SLP(C) No. 7208/2021 (XI-A)

(FOR ADMISSION and I.R. and IA No.64040/2021-EXEMPTION FROM FILING C/C OF THE IMPUGNED JUDGMENT)

SLP(C) No. 7247/2021 (XI-A)

(FOR ADMISSION and I.R. and IA No.64518/2021-EXEMPTION FROM FILING C/C OF THE IMPUGNED JUDGMENT)

SLP(C) No. 7283/2021 (XI-A)

(FOR ADMISSION and I.R. and IA No.64893/2021-EXEMPTION FROM FILING C/C OF THE IMPUGNED JUDGMENT)

SLP(C) No. 21145/2021 (XI-A)

(FOR ADMISSION and I.R. and IA No.168942/2021-EXEMPTION FROM FILING C/C OF THE IMPUGNED JUDGMENT)

SLP(C) No. 21131/2021 (XI-A)

( IA No.168885/2021-EXEMPTION FROM FILING C/C OF THE IMPUGNED JUDGMENT)

SLP(C) No. 7390/2022 (XI-A)

(FOR ADMISSION and I.R. and IA No.60491/2022-EXEMPTION FROM FILING C/C OF THE IMPUGNED JUDGMENT)

Vakley  
up  
Sign  
Date  
Recd

05-09-2022 This petition was called on for hearing today.

SORAM :

HON'BLE MR. JUSTICE SANJIV KHANNA  
HON'BLE MR. JUSTICE J.K. MAHESHWARI

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For Petitioner(s) Mr. Ravi Mehrotra, Sr. Adv.  
Mr. Suvendu Suvasis Dash, AOR  
Ms. Swati Vaibhav, AOR  
Ms. Shruti Vaibhav, Adv.  
Mr. Apoorv Srivastava, Adv.  
Mr. Joby P. Varghese, AOR  
Mr. Shahid Akhtar, Adv.  
  
Mr. Jogy Scaria, AOR

For Respondent(s) Mr. Atmaram N.S. Nadkarni, Sr. Adv.  
Mr. Shibashish Misra, AOR  
Mr. Anoop Kumar Mehta, Adv.

UPON hearing the counsel the Court made the following  
O R D E R

The impugned judgment is in the nature of remand order, to the Committee of Experts and hence, we are not inclined to interfere with impugned judgment. The special leave petitions are dismissed.

We hope and expect that the Committee of Experts will take up the matter for hearing and decide expeditiously.

Pending application (s), if any, also stand disposed of.

(ARUSHI SUNEJA)  
SENIOR PERSONAL ASSISTANT

(R.S. NARAYANAN)  
COURT MASTER (HSH)

**MINISTRY OF ENVIRONMENT FORESTS & CC**  
**EASTERN REGIONAL OFFICE**  
**A/3 Chandrasekharpur, Bhubaneswar -751 023**

FORMAT FOR PROVIDING PARTICULARS ON GREEN BELT/ PLANTATION UNDER  
F- ACT 1980 AND E (P) ACT 1986.

1(a)	Name of the Organization	Mahanadi Coalfields Limited. A Subsidiary of Coal India Limited
(b)	Envnt. /Forest clearance Order No.	(1)8-70/2004-FC, Dt-19.11.2004 for 58.096Ha (2)8-87/2012-FC.Dt-15.03.2013 for 24.64 Ha
2.	Location Block/Sub Divn. /Dist./State	Dist: Angul. Block: Talcher, Odisha
3.	Address for communication	Jagannath Colliery PO- South Balanda, Talcher Dist: Angul. Odisha, Pin :759116 Ph- 06760-260212 (0)
4.	Existing vegetation in the area region	Mango. Sal, Bamboo, Mahul Jamun
(a)	Major prevalent species of each type	Mango, Sal. Bamboo, Mahul, Jamun
5.	Land coverage by the Project	
(a)	Total area under the Project	553.946 Ha
(b)	Area covered for basic infrastructure: (Roads)/building /factory etc.)	
6.	Details about natural vegetation	Trees and shrubs are available
(a)	Name and number of plant species :	Mango, Sal, Bamboo, Mahul Jamun etc
(b)	By protecting the area will Indigenous stock comes up?	
(c)	Extent of green belt developed	Plantation done in 4Ha during 2020-21. Completed plantation in 5 Ha during 2021-22. Plantation done in 4.375 Ha during 2022-23. Plantation done in 2.5 Ha during 2023-24 Plantation done in 20.5 Ha during 2024-25. Plantation done in 6.5 Ha during 2025-26.
7.	Plantations required to be carried out As per. Conditions of Environmental Clearance / in Ha. / Nos.	2500Nos. /Ha.
(a)	A condition of Forest Act for forestation	Double the area of forest land used for non- forestry purposes.
(b)	Voluntarily in ha. /nos	2500 per Ha.

**8. Details about Plantation:**

(a) Total area available for plantation in each category:

Block plantation	Year 2021-22	Year 2022-23	Year 2023-24	Year 2024-25	Year 2025-26
Backfilled Area	5 Ha	Nil	Nil	10.50 Ha	3.50 Ha
Road Side	Nil	Nil	Nil	Nil	Nil
Dump(External)	Nil	Nil	Nil	Nil	Nil
Green belt	Nil	Nil	Nil	Nil	Nil
Remarks slope plantation	Nil	Nil	Nil	Nil	Nil
Outside of the lease	Nil	4.375 Ha	2.5 Ha	10.00 Ha	3 Ha

(b) Plantation details (Category wise and Methodology used) :

In Year 2020-21:- 10000 nos of trees has been planted in 4.0 Ha

In Year 2021-22:- 8000 nos of trees has been planted in 5.0 Ha

In Year 2022-23:- 7000 nos of trees has been planted in 4.375Ha

In Year 2023-24:- 4000 nos of trees has been planted in 2.50Ha

In Year 2024-25:- 32800 nos of trees has been planted in 20.50Ha

In Year 2025-26:- 16800 nos of trees has been planted in 6.50Ha

(c) Survival % of Plantation:

Survival percentage of plantation of the year 2020-21 is 89%

Survival percentage of plantation of the year 2021-22 is 92.5%

Survival percentage of plantation of the year 2022-23 is 97%

Survival percentage of plantation of the year 2023-24 is 96%

Survival percentage of plantation of the year 2024-25 is 98%

Survival percentage of plantation of the year 2025-26 is 100%

9. Agency carrying out Plantation:

Orissa Forest Development Corporation DFO, Angul Division

CGRVVNL. Bilaspur, Chhattisgarh

10. Financial details (year wise). Plantation wise and item wise:

Payment made Rs 14,96,700.00 against 50% 1<sup>st</sup> Installment of advance to CGRVVNL for plantation work 2020-21 of 4 Ha at OB dump of JOCP.

Rs 40,83,274.39 to DFO, Angul against for 1<sup>st</sup>-year plantation work 2022-23- and 2<sup>nd</sup>-year and 1<sup>st</sup> installment of 3<sup>rd</sup> year maintenance in 4.375 Ha at Dandasingha village. Kaniha.

Rs. 27,17,460.92 to DFO, Angul against advanced payment for the 1<sup>st</sup> yr plantation work 2023-24 and 2<sup>nd</sup> year maintenance work in 2.50 Ha on Govt. Land at village Tubey.

Rs. 49,28,880.88 to DFO, Angul against advanced payment for the 1<sup>st</sup> yr plantation work 2023-24 and 2<sup>nd</sup> year maintenance work plantation work 2024-25 in 4.50 Ha at OB dump of JOCP.

Rs. 42,28,576.24 to DFO, Angul against advanced payment for the 1<sup>st</sup> yr plantation work 2023-24 and 2<sup>nd</sup> year maintenance work plantation work 2024-25 in 3.50 Ha at OB dump of JOCP

Rs. 29,46,711.60 to DFO, Angul against advanced payment for the 1<sup>st</sup> yr plantation work 2023-24 and 2<sup>nd</sup> year maintenance work 2024-25 in 2.50 Ha at OB dump of JOCP

Rs. 96,14,952.00 to DFO, Angul against advanced payment for the plantation work 2024-25 in 10 Ha on Govt. Land at Kanjara Village.

Rs. 29,60,271.96 to DFO Angul against advanced payment for the plantation work 2025-26 in 3 Ha on Govt. Land at Katada Village.

Rs. 31,98,038.79 to DFO, Angul against advanced payment for the Miyawaki plantation work 2025-26 in 01 Ha on ML Area Jagannath OCP.

Rs. 21,33,139.03 to DFO, Angul against advanced payment for the plantation work 2025-26 in 2.50 Ha on ML Area Jagannath OCP.

*Rishik*



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Test Report

**AMBIENT AIR QUALITY DATA**

Area :

Jagannath

(Reference Station)

Project :

Jagannath OCP

(conc. in  $\mu\text{g}/\text{cu.m.}$ )

Date of Sampling	Monitoring Station	SPM	PM10	PM2.5	SO2	NOx	Dust Generating Source(DGS)	Distance from DGS
01-Aug-25	CWS Colony, Meeti	153	59	27	17.50	29.04	Mining Activity	About 1500 m
01-Aug-25	Kurihan Village	149	59	28	17.94	20.80		
02-Aug-25	CWS Colony, Meeti	112	36	16	10.42	19.81	Mining Activity	About 1500 m
02-Aug-25	Kurihan Village	140	50	24	13.81	27.37		
04-Aug-25	Central Nursery (Reported Only)	142	53	26	13.92	18.91	Open-Cast Mine	Less than 500m
05-Aug-25	Central Nursery (Reported Only)	133	49	22	11.53	20.94	Open-Cast Mine	Less than 500m
08-Aug-25	Kurihan Village	131	39	20	14.74	18.77		
08-Aug-25	CWS Colony, Meeti	145	54	26	13.75	16.98	Mining Activity	About 1500 m
09-Aug-25	CWS Colony, Meeti	132	47	24	18.81	23.03	Mining Activity	About 1500 m
09-Aug-25	Kurihan Village	126	47	23	16.66	23.35		
11-Aug-25	Central Nursery (Reported Only)	110	36	17	16.25	26.89	Open-Cast Mine	Less than 500m
12-Aug-25	Central Nursery (Reported Only)	142	48	20	15.31	20.06	Open-Cast Mine	Less than 500m
18-Aug-25	CWS Colony, Meeti	154	73	32	14.00	23.77	Mining Activity	About 1500 m
18-Aug-25	Kurihan Village	176	69	31	17.04	24.24		
19-Aug-25	CWS Colony, Meeti	121	35	16	14.44	19.31	Mining Activity	About 1500 m
19-Aug-25	Kurihan Village	137	55	26	14.27	18.77		
20-Aug-25	Central Nursery (Reported Only)	146	58	27	16.19	23.77	Open-Cast Mine	Less than 500m
21-Aug-25	Central Nursery (Reported Only)	125	41	22	14.00	32.69	Open-Cast Mine	Less than 500m
25-Aug-25	CWS Colony, Meeti	129	44	19	11.81	28.23	Mining Activity	About 1500 m
25-Aug-25	Kurihan Village	123	44	20	16.19	17.83		
26-Aug-25	Kurihan Village	128	52	24	16.04	18.98		
26-Aug-25	CWS Colony, Meeti	136	53	25	13.81	22.68	Mining Activity	About 1500 m
27-Aug-25	Central Nursery (Reported Only)	153	55	28	15.00	26.89	Open-Cast Mine	Less than 500m
28-Aug-25	Central Nursery (Reported Only)	148	59	25	15.83	23.35	Open-Cast Mine	Less than 500m

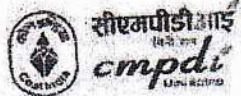
\*NAAQS, 2009

100	60	80	80
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Authorized Signatory  
CMPDI, RI-VII, LAB  
SHUBANESWAR

*Rudraji*

*Jagannath*



सीएमपीडी आई  
एन.एन.  
cmpdi  
UNIVERSITY

Test Report

AMBIENT AIR QUALITY DATA

Area :

Jagannath

(Compliance Station)

Project :

Jagannath OCP

(conc. in  $\mu\text{g}/\text{cu.m.}$ )

Date of Sampling	Monitoring Station	SPM	PM10	PM2.5	SO2	NOx	Dust Generating Source(DGS)	Distance from DGS
06-Aug-25	Near MDTP	193	83	39	14.87	29.72	Railway Siding CHP	About 800m
06-Aug-25	Near NBVI. Station	216	107	43	20.41	29.72	CHP, CT Road	About 600m
22-Aug-25	Near MDTP	184	84	37	14.27	23.46	Railway Siding CHP	About 800m
22-Aug-25	Near NBVL Station	201	108	43	17.98	31.37	CHP, CT Road	About 600m

MoEF Standards Notification dated 25th September, 2000

500 250 120 120

*Signature*  
Authorised Signatory  
CMPDI, RI-VII, LAB  
BHUBANESWAR

*Signature*



ଶ୍ରୀମତୀମଣିଆସ  
 ଫାକ୍ଟରୀ  
**cmpdi**  
 ଭୁବନେଶ୍ୱର

Test Report

**AMBIENT AIR QUALITY DATA**

Area :

**Jagannath**

(Reference Station)

Project :

**Jagannath OCP**

(conc. in  $\mu\text{g}/\text{cu.m.}$ )

Date of Sampling	Monitoring Station	SPM	PM10	PM2.5	SO2	NOx	Dust Generating Source(DGS)	Distance from DGS
02-Jun-25	Kurihan Village	125	41	22	15.71	23.99		
02-Jun-25	CWS Colony, Meeti	136	55	27	14.51	26.58	Mining Activity	About 1500 m
03-Jun-25	CWS Colony, Meeti	117	41	23	13.57	24.17	Mining Activity	About 1500 m
03-Jun-25	Kurihan Village	155	59	30	10.78	21.27		
09-Jun-25	CWS Colony, Meeti	134	50	25	11.85	26.76	Mining Activity	About 1500 m
09-Jun-25	Kurihan Village	131	48	25	12.02	28.10		
10-Jun-25	CWS Colony, Meeti	137	52	26	14.32	28.31	Mining Activity	About 1500 m
10-Jun-25	Kurihan Village	140	55	27	13.53	24.78		
16-Jun-25	CWS Colony, Meeti	148	65	30	10.93	28.31	Mining Activity	About 1500 m
16-Jun-25	Kurihan Village	124	44	19	18.32	16.79		
17-Jun-25	CWS Colony, Meeti	137	53	26	14.41	27.98	Mining Activity	About 1500 m
17-Jun-25	Kurihan Village	142	59	25	17.45	20.79		
23-Jun-25	Kurihan Village	108	43	19	11.60	15.95		
23-Jun-25	CWS Colony, Meeti	114	45	20	12.02	25.82	Mining Activity	About 1500 m
24-Jun-25	CWS Colony, Meeti	129	49	25	12.89	40.51	Mining Activity	About 1500 m
24-Jun-25	Kurihan Village	135	53	24	12.22	19.19		
27-Jun-25	CWS Colony, Meeti	118	44	23	15.66	23.63	Mining Activity	About 1500 m
27-Jun-25	Kurihan Village	105	35	16	13.82	23.63		
28-Jun-25	Kurihan Village	151	50	27	16.14	43.97		
28-Jun-25	CWS Colony, Meeti	152	56	29	17.41	36.46	Mining Activity	About 1500 m

Authorised Signatory  
 CMPDI, R-VII, LAB  
 BHUBANESWAR

\*NAAQS,2009

100	60	80	80
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संयुक्त प्रदूषण नियंत्रण बोर्ड  
 2002 ई.पू.  
**cmpdi**  
 (अनु. 2002/2)

Test Report

**AMBIENT AIR QUALITY DATA**

Area :

Jagannath

(Compliance Station)

Project :

Jagannath OCP

(conc. in  $\mu\text{g}/\text{cu.m.}$ )

Date of Sampling	Monitoring Station	SPM	PM10	PM2.5	SO2	NOx	Dust Generating Source(DGS)	Distance from DGS
07-Jun-25	Near MDTP	171	76	37	9.42	21.41	Railway Siding CHP	About 800m
07-Jun-25	Near NBVL Station	167	72	34	17.46	23.99	CHP, CT Road	About 600m
20-Jun-25	Near MDTP	208	92	44	14.09	30.38	Railway Siding CHP	About 800m
20-Jun-25	Near NBVL Station	191	85	38	17.82	22.79	CHP, CT Road	About 600m

*(Signature)*  
 Authorised Signatory  
 CMPDI, RI-VII, LAB  
 BHUBANESWAR

*(Signature)*

MoEF Standards Notification dated 25th  
 September, 2000

500	250		120	120
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*(Signature)*



सीएमपीडी  
CMPDI  
भारत सरकार

Test Report

**AMBIENT AIR QUALITY DATA**

Area :

Jagannath

(Reference Station)

Project :

Jagannath OCP

(conc. in  $\mu\text{g}/\text{cu.m.}$ )

Date of Sampling	Monitoring Station	SPM	PM10	PM2.5	SO2	NOx	Dust Generating Source(DGS)	Distance from DGS
05-May-25	Kurihan Village	151	60	28	15.85	38.79		
05-May-25	CWS Colony, Meeti	173	68	32	9.76	23.77	Mining Activity	About 1500 m
06-May-25	CWS Colony, Meeti	145	55	26	14.64	26.00	Mining Activity	About 1500 m
06-May-25	Kurihan Village	164	64	31	17.93	38.79		
12-May-25	Kurihan Village	159	62	30	10.51	32.69		
12-May-25	CWS Colony, Meeti	157	64	30	9.76	36.40	Mining Activity	About 1500 m
13-May-25	CWS Colony, Meeti	168	70	33	16.60	33.63	Mining Activity	About 1500 m
13-May-25	Kurihan Village	188	72	37	11.68	29.72		
19-May-25	Kurihan Village	128	46	24	13.76	28.89		
19-May-25	CWS Colony, Meeti	129	41	23	15.02	25.02	Mining Activity	About 1500 m
20-May-25	CWS Colony, Meeti	148	57	29	11.46	29.72	Mining Activity	About 1500 m
20-May-25	Kurihan Village	164	65	31	13.76	38.79		
26-May-25	CWS Colony, Meeti	129	45	25	9.21	17.56	Mining Activity	About 1500 m
26-May-25	Kurihan Village	153	51	28	12.39	31.20		
27-May-25	Kurihan Village	134	44	25	13.04	21.11		
27-May-25	CWS Colony, Meeti	137	47	26	16.80	19.10	Mining Activity	About 1500 m

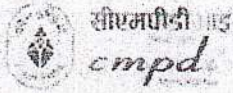
Authorised Signatory  
CMPDI, RI-VII, LAB  
BHUBANESWAR

*[Handwritten Signature]*

\*N.I.QS, 2009

100 60 80 80

*Buddhi*



**Test Report**

**AMBIENT AIR QUALITY DATA**

**Area :** **Jagannath** (Compliance Station)

**Project :** **Ananta OCP** (conc. in  $\mu\text{g}/\text{cu.m.}$ )

Date of Sampling	Monitoring Station	SPM	PM10	PM2.5	SO2	NOx	Dust Generating Source(DGS)	Distance from DGS
07-May-25	North East of Mine	210	86	40	15.70	25.66	Open-Cast Mine	Less than 500m
07-May-25	Near NBVI Station (Reported)	204	79	37	12.51	33.25	CHP, CT Road	About 600m
21-May-25	North East of Mine	180	74	34	15.09	22.29	Open-Cast Mine	Less than 500m
21-May-25	Near NBVI Station (Reported)	179	78	35	17.02	23.77	CHP, CT Road	About 600m

**Project :** **Jagannath OCP** (conc. in  $\mu\text{g}/\text{cu.m.}$ )

Date of Sampling	Monitoring Station	SPM	PM10	PM2.5	SO2	NOx	Dust Generating Source(DGS)	Distance from DGS
07-May-25	Near MIDIP	217	85	41	10.01	30.42	Railway Siding CHP	About 800m
07-May-25	Near NBVI Station	204	79	37	12.51	33.25	CHP, CT Road	About 600m
21-May-25	Near MIDIP	187	83	39	14.06	21.11	Railway Siding CHP	About 800m
21-May-25	Near NBVI Station	179	78	35	17.02	23.77	CHP, CT Road	About 600m

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Authorized Signatory  
**CMPD, CIVIL LAB**  
**BHUBANESWAR**

500	250		120	120
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## Test Report



सीएमपीडी आई  
CMPDI  
MUMBAI REGION

## AMBIENT AIR QUALITY DATA

Area :

Jagannath

(Reference Station)

Project :

Ananta OCP

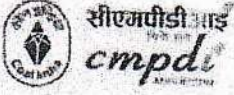
(conc. in  $\mu\text{g}/\text{cu.m.}$ )

Date of Sampling	Monitoring Station	SPM	PM10	PM2.5	SO2	NOx	Dust Generating Source(DGS)	Distance from DGS
01-Apr-25	Guthasahi Village	172	68	35	17.28	26.14	Mining Activities	About 3km
01-Apr-25	Asanabahali Village	162	66	34	12.00	25.09	Domestic and Mining Activities	About 4km
01-Apr-25	Central Nursery	156	58	29	10.67	28.23	Open-Cast Mine	Less than 500m
01-Apr-25	Sibarampur Village	175	71	34	15.44	32.19	Domestic and Mining Activities	About 4km
02-Apr-25	Asanabahali Village	158	62	30	10.67	35.29	Domestic and Mining Activities	About 4km
02-Apr-25	Sibarampur Village	186	77	38	12.63	37.97	Domestic and Mining Activities	About 4km
02-Apr-25	Central Nursery	165	68	35	15.44	33.84	Open-Cast Mine	Less than 500m
02-Apr-25	Guthasahi Village	157	66	30	16.00	18.82	Mining Activities	About 3km
07-Apr-25	Asanabahali Village	164	71	38	15.80	29.62	Domestic and Mining Activities	About 4km
07-Apr-25	Sibarampur Village	165	65	32	11.70	37.14	Domestic and Mining Activities	About 4km
07-Apr-25	Guthasahi Village	143	63	32	14.67	26.66	Mining Activities	About 3km
07-Apr-25	Central Nursery	173	70	36	11.21	30.00	Open-Cast Mine	Less than 500m
08-Apr-25	Sibarampur Village	158	63	30	17.33	19.60	Domestic and Mining Activities	About 4km
08-Apr-25	Guthasahi Village	156	70	34	19.26	25.27	Mining Activities	About 3km
08-Apr-25	Central Nursery	157	60	29	13.78	30.58	Open-Cast Mine	Less than 500m
08-Apr-25	Asanabahali Village	146	64	33	13.78	24.31	Domestic and Mining Activities	About 4km
16-Apr-25	Central Nursery	149	58	26	15.91	33.02	Open-Cast Mine	Less than 500m
16-Apr-25	Guthasahi Village	173	66	34	16.00	34.50	Mining Activities	About 3km
16-Apr-25	Asanabahali Village	163	60	33	15.44	23.94	Domestic and Mining Activities	About 4km
16-Apr-25	Sibarampur Village	180	70	36	17.78	29.62	Domestic and Mining Activities	About 4km
17-Apr-25	Central Nursery	167	65	32	14.22	25.88	Open-Cast Mine	Less than 500m
17-Apr-25	Guthasahi Village	168	66	32	15.85	25.91	Mining Activities	About 3km
17-Apr-25	Asanabahali Village	148	55	30	11.21	21.82	Domestic and Mining Activities	About 4km

\*NAAQS,2009

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Authorised Signatory  
CMPDI, RI-VII, LAB  
BHUBANESWAR



सीएमपीडी  
 AIR QUALITY  
 cmpdi  
 ANALYSTS

Test Report

AMBIENT AIR QUALITY DATA

Area :

Jagannath

(Compliance Station)

Project :

Jagannath OCP

(conc. in  $\mu\text{g}/\text{cu.m.}$ )

Date of Sampling	Monitoring Station	SPM	PM10	PM2.5	SO2	NOx	Dust Generating Source(DGS)	Distance from DGS
05-Apr-25	Near MDTP	217	95	49	16.44	23.52	Railway Siding CHP	About 800m
05-Apr-25	Near NBVL Station	209	88	46	12.00	33.72	CHP, CT Road	About 600m
21-Apr-25	Near MDTP	219	98	46	10.67	27.45	Railway Siding CHP	About 800m
21-Apr-25	Near NBVL Station	206	84	43	18.25	23.94	CHP, CT Road	About 600m

MoEF Standards Notification dated 25th September, 2000

500	250		120	120
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*Ant*

*Rudhi*

Authorized Signatory  
 CMPDI, Rt-VII, LAS  
 BHUBANESWAR



Test Report

AMBIENT AIR QUALITY DATA

Area : Jagannath (Reference Station)

Project : Jagannath OCP (conc. in µg/cu.m.)

Date of Sampling	Monitoring Station	SPM	PM10	PM2.5	SO2	NOx	Dust Generating Source(DGS)	Distance from DGS
01-Apr-25	CWS Colony, Meeti	164	74	35	13.33	32.93	Mining Activity	About 1500 m
01-Apr-25	Kurihan Village	195	86	43	13.33	30.49		
02-Apr-25	CWS Colony, Meeti	149	52	27	14.81	24.40	Mining Activity	About 1500 m
02-Apr-25	Kurihan Village	185	76	37	12.89	29.80		
07-Apr-25	CWS Colony, Meeti	164	66	35	17.35	25.39	Mining Activity	About 1500 m
07-Apr-25	Kurihan Village	178	74	36	12.93	26.38		
08-Apr-25	Kurihan Village	166	60	32	14.69	32.05		
08-Apr-25	CWS Colony, Meeti	150	66	34	14.81	30.49	Mining Activity	About 1500 m
16-Apr-25	Kurihan Village	168	69	33	13.33	37.47		
16-Apr-25	CWS Colony, Meeti	143	53	24	15.44	33.84	Mining Activity	About 1500 m
17-Apr-25	CWS Colony, Meeti	176	70	34	18.71	32.19	Mining Activity	About 1500 m
17-Apr-25	Kurihan Village	171	73	35	17.78	38.34		
23-Apr-25	Kurihan Village	181	77	37	14.04	30.54		
23-Apr-25	CWS Colony, Meeti	186	74	38	18.77	38.34	Mining Activity	About 1500 m
24-Apr-25	CWS Colony, Meeti	163	65	31	9.74	27.63	Mining Activity	About 1500 m
24-Apr-25	Kurihan Village	194	83	40	11.43	29.13		
29-Apr-25	CWS Colony, Meeti	179	75	38	9.33	32.15	Mining Activity	About 1500 m
29-Apr-25	Kurihan Village	171	73	35	14.22	22.74		
30-Apr-25	Kurihan Village	155	59	29	10.22	28.23		
30-Apr-25	CWS Colony, Meeti	154	62	29	14.32	27.88	Mining Activity	About 1500 m

*NAAQS,2009		100	60	80	80
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Buddhi

Authorized Signatory  
CMPDI VII, LAB  
BHUBANESWAR

April- 2025  
DUST SURVEY

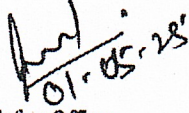
DATE	DURATION	LOCATION OF MACHINE	TYPES of MACHINES	INITIAL READING	FINAL READING	CONCENTRATION Mg/m <sup>3</sup>
01.04.2025	5 A.M to 1 P.M	Excavator-1200M	Arelco	5.28997	5.29099	0.97 Mg/m <sup>3</sup>
02.04.2025	5 A.M to 1 P.M	Excavator-1200New	Arelco	5.38996	5.39097	0.96 Mg/m <sup>3</sup>
04.04.2025	5 A.M to 1 P.M	Excavator-1200Ananta	Arelco	5.40000	5.40103	0.98 Mg/m <sup>3</sup>
06.04.2025	5 A.M to 1 P.M	Excavator-1200V	Arelco	5.32011	5.32116	0.99 Mg/m <sup>3</sup>
08.04.2025	5 A.M to 1 P.M	Drill- J5	Arelco	5.51018	5.51123	0.99 Mg/m <sup>3</sup>
10.04.2025	5 A.M to 1 P.M	Drill-962	Arelco	5.40002	5.40105	0.98 Mg/m <sup>3</sup>
12.04.2025	5 A.M to 1 P.M	Drill-117	Arelco	5.40993	5.41098	0.99 Mg/m <sup>3</sup>
14.04.2025	5 A.M to 1 P.M	Drill-118	Arelco	5.30002	5.30109	1.01 Mg/m <sup>3</sup>
16.04.2025	5 A.M to 1 P.M	Dumpyard	SKC	5.30994	5.31099	0.99 Mg/m <sup>3</sup>
18.04.2025	5 A.M to 1 P.M	Field Time Office	SKC	5.51009	5.51116	1.01 Mg/m <sup>3</sup>
20.04.2025	5 A.M to 1 P.M	F.C Chalan Point	SKC	5.31994	5.32099	0.99 Mg/m <sup>3</sup>
23.04.2025	5 A.M to 1 P.M	Workshop	SKC	5.31995	5.32102	1.01 Mg/m <sup>3</sup>
25.04.2025	5 A.M to 1 P.M	Field Substation	SKC	5.39991	5.40096	0.99 Mg/m <sup>3</sup>
27.04.2025	5 A.M to 1 P.M	Main Substation	SKC	5.30002	5.30104	0.97 Mg/m <sup>3</sup>
28.04.2025	5 A.M to 1 P.M	Main Timeoffice	SKC	5.51014	5.51119	0.99 Mg/m <sup>3</sup>
30.04.2025	5 A.M to 1 P.M	Imotion Weighbridge 05 No	SKC	5.32014	5.32119	0.99 Mg/m <sup>3</sup>
31.04.2025	5 A.M to 1 P.M	Imotion Weighbridge New	SKC	5.32016	5.32119	0.98 Mg/m <sup>3</sup>

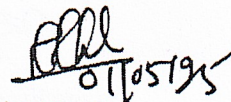
$$\text{CONCENTRATION} = \frac{P2 - P1}{1.056} \times 1000 \text{mg/m}^3 \text{ of Air}$$

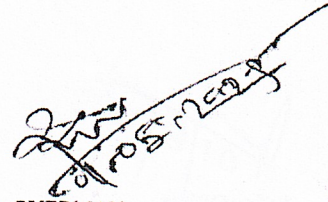
P2 – FINAL READING

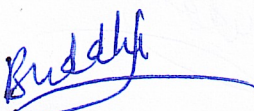
P1 – INTIAL READING

INHALTATION RATE – 2.2 Liter/ Minutes

  
Safety Officer  
Jagannath Colliery

  
Project Manager  
Jagannath Colliery

  
Sr OVERMAN  
Jagannath Colliery



May- 2025  
DUST SURVEY

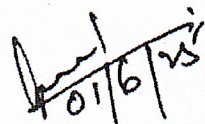
DATE	DURATION	LOCATION OF MACHINE	TYPES of MACHINES	INITIAL READING M.g	FINAL READING M.g	CONCENTRATION Mg/m <sup>3</sup>
01.05.2025	5 A.M to 1 P.M	Excavator-1200M	Arelco	5.28995	5.29100	0.99 Mg/m <sup>3</sup>
02.05.2025	5 A.M to 1 P.M	Excavator-1200New	Arelco	5.39006	5.39109	0.98 Mg/m <sup>3</sup>
04.05.2025	5 A.M to 1 P.M	Excavator-1200Ananta	Arelco	5.040087	5.40194	1.01 Mg/m <sup>3</sup>
06.05.2025	5 A.M to 1 P.M	Excavator-1200V	Arelco	5.32009	5.32116	1.01 Mg/m <sup>3</sup>
08.05.2025	5 A.M to 1 P.M	Drill- J5	Arelco	5.51018	5.51123	0.99 Mg/m <sup>3</sup>
10.05.2025	5 A.M to 1 P.M	Drill-962	Arelco	5.40002	5.40105	0.98 Mg/m <sup>3</sup>
12.05.2025	5 A.M to 1 P.M	Drill-117	Arelco	5.40993	5.41098	0.99 Mg/m <sup>3</sup>
14.05.2025	5 A.M to 1 P.M	Drill-118	Arelco	5.30002	5.30109	1.01 Mg/m <sup>3</sup>
16.05.2025	5 A.M to 1 P.M	Dumpyard	SKC	5.30994	5.31099	0.99 Mg/m <sup>3</sup>
18.05.2025	5 A.M to 1 P.M	Field Time Office	SKC	5.51009	5.51116	1.01 Mg/m <sup>3</sup>
20.05.2025	5 A.M to 1 P.M	F.C Chalan Point	SKC	5.31997	5.32099	0.99 Mg/m <sup>3</sup>
23.05.2025	5 A.M to 1 P.M	Workshop	SKC	5.31995	5.32102	1.01 Mg/m <sup>3</sup>
25.05.2025	5 A.M to 1 P.M	Field Substation	SKC	5.39991	5.40096	0.99 Mg/m <sup>3</sup>
27.05.2025	5 A.M to 1 P.M	Main Substation	SKC	5.30002	5.30104	0.97 Mg/m <sup>3</sup>
28.05.2025	5 A.M to 1 P.M	Main Timeoffice	SKC	5.51014	5.51119	0.99 Mg/m <sup>3</sup>
30.05.2025	5 A.M to 1 P.M	Imotion Weighbridge 05 No	SKC	5.32014	5.32119	0.99 Mg/m <sup>3</sup>
31.05.2025	5 A.M to 1 P.M	Imotion Weighbridge New	SKC	5.32016	5.32119	0.98 Mg/m <sup>3</sup>

CONCENTRATION =  $\frac{P2 - P1}{1.056} \times 1000 \text{ mg/m}^3$  of Air

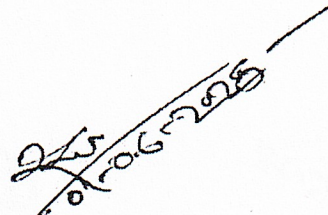
P2 - FINAL READING

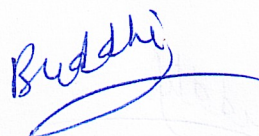
P1 - INITIAL READING

INHALTATION RATE - 2.2 Liter/ Minutes

  
01/06/25  
Safety Officer  
Jagannath Colliery

  
01/06/25  
Project Manager  
Jagannath Colliery

  
01/06/2025  
Sr OVERMAN  
Jagannath Colliery

  
Buddhi

June- 2025

DUST SURVEY

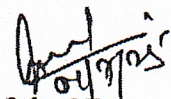
DATE	DURATION	LOCATION OF MACHINE	TYPES of MACHINES	INITIAL READING M.g	FINAL READING M.g	CONCENTRATION Mg/m <sup>3</sup>
01.06.2025	5 A.M to 1 P.M	Excavator-1200M	Arelco	5.29089	5.29196	1.01 Mg/m <sup>3</sup>
03.06.2025	5 A.M to 1 P.M	Excavator-1200New	Arelco	5.39030	5.39135	0.99 Mg/m <sup>3</sup>
05.06.2025	5 A.M to 1 P.M	Excavator-1200Ananta	Arelco	5.40039	5.40144	0.99 Mg/m <sup>3</sup>
06.06.2025	5 A.M to 1 P.M	Excavator-1200V	Arelco	5.31998	5.32103	0.99 Mg/m <sup>3</sup>
09.06.2025	5 A.M to 1 P.M	Drill- J5	Arelco	5.51091	5.51198	1.01 Mg/m <sup>3</sup>
11.06.2025	5 A.M to 1 P.M	Drill-962	Arelco	5.40029	5.40134	0.99 Mg/m <sup>3</sup>
13.06.2025	5 A.M to 1 P.M	Drill-117	Arelco	5.42124	5.42231	1.01 Mg/m <sup>3</sup>
15.06.2025	5 A.M to 1 P.M	Drill-118	Arelco	5.29997	5.30102	0.99 Mg/m <sup>3</sup>
17.06.2025	5 A.M to 1 P.M	Dumpyard	SKC	5.30983	5.31085	0.97 Mg/m <sup>3</sup>
19.06.2025	5 A.M to 1 P.M	Field Time Office	SKC	5.50997	5.51102	0.99 Mg/m <sup>3</sup>
21.06.2025	5 A.M to 1 P.M	F.C Chalan Point	SKC	5.31975	5.32078	0.98 Mg/m <sup>3</sup>
22.06.2025	5 A.M to 1 P.M	Workshop	SKC	5.32009	5.32114	0.99 Mg/m <sup>3</sup>
23.06.2025	5 A.M to 1 P.M	Field Substation	SKC	5.40007	5.40114	1.01 Mg/m <sup>3</sup>
25.06.2025	5 A.M to 1 P.M	Main Substation	SKC	5.30041	5.30146	0.99 Mg/m <sup>3</sup>
27.06.2025	5 A.M to 1 P.M	Main Timeoffice	SKC	5.51116	5.51223	1.01 Mg/m <sup>3</sup>
29.06.2025	5 A.M to 1 P.M	Imotion Weighbridge 05 No	SKC	5.32010	5.32112	0.97 Mg/m <sup>3</sup>
30.06.2025	5 A.M to 1 P.M	Imotion Weighbridge New	SKC	5.32024	5.32129	0.99 Mg/m <sup>3</sup>

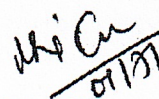
$$\text{CONCENTRATION} = \frac{P2 - P1}{1.056} \times 1000 \text{mg/m}^3 \text{ of Air}$$


P2 - FINAL READING

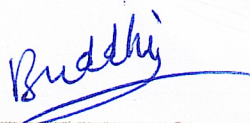
P1 - INITIAL READING

INHALTATION RATE - 2.2 Liter/ Minutes

  
Safety Officer  
Jagannath Colliery

  
Project Manager  
Jagannath Colliery

  
Sr OVERMAN  
Jagannath Colliery

  
Buddha

July- 2025  
DUST SURVEY

DATE	DURATION	LOCATION OF MACHINE	TYPES of MACHINES	INITIAL READING M.g	FINAL READING M.g	CONCENTRATION Mg/m <sup>3</sup>
01.07.2025	5 A.M to 1 P.M	Excavator-1200M	Arelco	5.29039	5.29142	0.98 Mg/m <sup>3</sup>
03.07.2025	5 A.M to 1 P.M	Excavator-1200V (1)	Arelco	5.39012	5.39114	0.97 Mg/m <sup>3</sup>
05.07.2025	5 A.M to 1 P.M	Excavator-1000D	Arelco	5.40029	5.40132	0.98 Mg/m <sup>3</sup>
06.07.2025	5 A.M to 1 P.M	Excavator-1200V(2)	Arelco	5.32088	5.32195	1.01 Mg/m <sup>3</sup>
09.07.2025	5 A.M to 1 P.M	Drill- J5	Arelco	5.51031	5.51136	0.99 Mg/m <sup>3</sup>
11.07.2025	5 A.M to 1 P.M	Drill-962	Arelco	5.40020	5.40123	0.98 Mg/m <sup>3</sup>
13.07.2025	5 A.M to 1 P.M	Drill-117	Arelco	5.42104	5.42209	0.99 Mg/m <sup>3</sup>
15.07.2025	5 A.M to 1 P.M	Drill-118	Arelco	5.30011	5.30114	0.98 Mg/m <sup>3</sup>
17.07.2025	5 A.M to 1 P.M	Dumpyard	SKC	5.31006	5.31111	0.99 Mg/m <sup>3</sup>
19.07.2025	5 A.M to 1 P.M	Field Time Office	SKC	5.51071	5.51178	1.01 Mg/m <sup>3</sup>
21.07.2025	5 A.M to 1 P.M	F.C Chalan Point	SKC	5.32014	5.32119	0.99 Mg/m <sup>3</sup>
22.07.2025	5 A.M to 1 P.M	Workshop	SKC	5.32075	5.32178	0.98 Mg/m <sup>3</sup>
23.07.2025	5 A.M to 1 P.M	Field Substation	SKC	5.39997	5.40102	0.99 Mg/m <sup>3</sup>
25.07.2025	5 A.M to 1 P.M	Main Substation	SKC	5.30030	5.30133	0.98 Mg/m <sup>3</sup>
27.07.2025	5 A.M to 1 P.M	Main Timeoffice	SKC	5.51178	5.51283	0.99 Mg/m <sup>3</sup>
29.07.2025	5 A.M to 1 P.M	Imotion Weighbridge 05 No	SKC	5.32082	5.32187	0.99 Mg/m <sup>3</sup>
30.07.2025	5 A.M to 1 P.M	Imotion Weighbridge New	SKC	5.32008	5.32111	0.98 Mg/m <sup>3</sup>

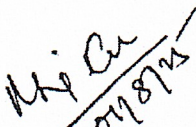
CONCENTRATION =  $\frac{P2 - P1}{1.056} \times 1000 \text{ mg/m}^3$  of Air

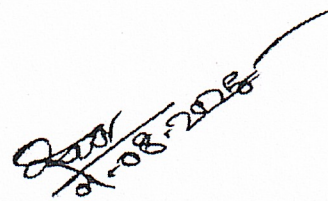
P2 - FINAL READING

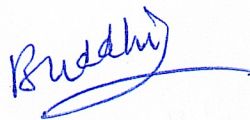
P1 - INITIAL READING

INHALTATION RATE - 2.2 Liter/ Minutes

  
01/8/25  
Safety Officer  
Jagannath Colliery

  
07/8/25  
Project Manager  
Jagannath Colliery

  
07-08-2025  
Sr OVERMAN  
Jagannath Colliery

  
Buddha

August- 2025  
DUST SURVEY


DATE	DURATION	LOCATION Of MACHINE	TYPES of MACHIN ES	INITIAL READING M.g	FINAL READING M.g	CONCENTRATI ON Mg/m <sup>3</sup>
01.08.2025	5 A.M to 1 P.M	Excavator-1200M	Arelco	5.29087	5.29192	0.99 Mg/m <sup>3</sup>
03.08.2025	5 A.M to 1 P.M	Excavator-1200V ( 1)	Arelco	5.39030	5.39135	0.99 Mg/m <sup>3</sup>
05.08.2025	5 A.M to 1 P.M	Excavator-1000D	Arelco	5.40039	5.40144	0.99 Mg/m <sup>3</sup>
06.08.2025	5 A.M to 1 P.M	Excavator-1200V(2)	Arelco	5.31998	5.32103	0.99 Mg/m <sup>3</sup>
09.08.2025	5 A.M to 1 P.M	Drill- J5	Arelco	5.51091	5.51198	1.01 Mg/m <sup>3</sup>
11.08.2025	5 A.M to 1 P.M	Drill-J9	Arelco	5.40029	5.40134	0.99 Mg/m <sup>3</sup>
13.08.2025	5 A.M to 1 P.M	Drill-117	Arelco	5.42124	5.42231	1.01 Mg/m <sup>3</sup>
15.08.2025	5 A.M to 1 P.M	Drill-118	Arelco	5.29997	5.30102	0.99 Mg/m <sup>3</sup>
17.08.2025	5 A.M to 1 P.M	Dumpyard	SKC	5.30983	5.31085	0.97 Mg/m <sup>3</sup>
19.08.2025	5 A.M to 1 P.M	Field Time Office	SKC	5.50997	5.51102	0.99 Mg/m <sup>3</sup>
21.08.2025	5 A.M to 1 P.M	F.C Chalan Point	SKC	5.31975	5.32078	0.98 Mg/m <sup>3</sup>
22.08.2025	5 A.M to 1 P.M	Workshop	SKC	5.32009	5.32114	0.99 Mg/m <sup>3</sup>
23.08.2025	5 A.M to 1 P.M	Field Substation	SKC	5.400073	5.40114	1.01 Mg/m <sup>3</sup>
25.08.2025	5 A.M to 1 P.M	Main Substation	SKC	5.30041	5.30146	0.99 Mg/m <sup>3</sup>
27.08.2025	5 A.M to 1 P.M	Main Timeoffice	SKC	5.51116	5.51223	1.01 Mg/m <sup>3</sup>
29.08.2025	5 A.M to 1 P.M	Imotion Weighbridge 05 No	SKC	5.32010	5.32112	0.97 Mg/m <sup>3</sup>
30.08.2025	5 A.M to 1 P.M	Imotion Weighbridge New	SKC	5.32024	5.32129	0.99 Mg/m <sup>3</sup>

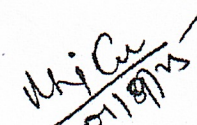
CONCENTRATION =  $\frac{P2 - P1}{1.056} \times 1000 \text{mg /m}^3$  of Air

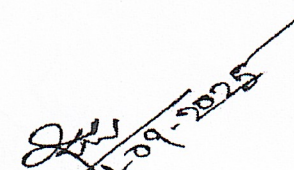
P2 – FINAL READING ( M.g)

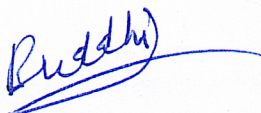
P1 – INTIAL READING ( M.g)

INHALTATION RATE – 2.2 Liter/ Minutes

  
Safety Officer  
Jagannath Colliery

  
Project Manager  
Jagannath Colliery

  
Sr OVERMAN  
Jagannath Colliery



September- 2025  
DUST SURVEY

DATE	DURATION	LOCATION OF MACHINE	TYPES of MACHINES	INITIAL READING M.g	FINAL READING M.g	CONCENTRATION Mg/m <sup>3</sup>
02.09.2025	5 A.M to 1 P.M	Excavator-1200M	Arelco	5.29087	5.29174	0.98 Mg/m <sup>3</sup>
04.09.2025	5 A.M to 1 P.M	Excavator-1200V ( 1)	Arelco	5.39030	5.39289	1.01 Mg/m <sup>3</sup>
06.09.2025	5 A.M to 1 P.M	Excavator-1000D	Arelco	5.40039	5.40103	0.97 Mg/m <sup>3</sup>
08.09.2025	5 A.M to 1 P.M	Excavator-1200V(2)	Arelco	5.31998	5.32283	1.01 Mg/m <sup>3</sup>
09.09.2025	5 A.M to 1 P.M	Drill- J5	Arelco	5.51091	5.51159	0.98 Mg/m <sup>3</sup>
12.09.2025	5 A.M to 1 P.M	Drill-J9	Arelco	5.40029	5.40103	0.98 Mg/m <sup>3</sup>
14.09.2025	5 A.M to 1 P.M	Drill-117	Arelco	5.42124	5.42333	1.03 Mg/m <sup>3</sup>
16.09.2025	5 A.M to 1 P.M	Drill-118	Arelco	5.29997	5.30098	0.98 Mg/m <sup>3</sup>
17.09.2025	5 A.M to 1 P.M	Dumpyard	SKC	5.30983	5.31244	1.02 Mg/m <sup>3</sup>
18.09.2025	5 A.M to 1 P.M	Field Time Office	SKC	5.50997	5.51344	1.01 Mg/m <sup>3</sup>
20.09.2025	5 A.M to 1 P.M	F.C Chalan Point	SKC	5.31975	5.32244	0.99 Mg/m <sup>3</sup>
22.09.2025	5 A.M to 1 P.M	Workshop	SKC	5.32009	5.32255	1.01 Mg/m <sup>3</sup>
25.09.2025	5 A.M to 1 P.M	Field Substation	SKC	5.400073	5.40103	0.99 Mg/m <sup>3</sup>
26.09.2025	5 A.M to 1 P.M	Main Substation	SKC	5.30041	5.30104	0.97 Mg/m <sup>3</sup>
28.09.2025	5 A.M to 1 P.M	Main Timeoffice	SKC	5.51116	5.51198	0.98 Mg/m <sup>3</sup>
29.09.2025	5 A.M to 1 P.M	Imotion Weighbridge 05 No	SKC	5.32010	5.32223	0.99 Mg/m <sup>3</sup>
30.09.2025	5 A.M to 1 P.M	Imotion Weighbridge New	SKC	5.32024	5.32111	0.98 Mg/m <sup>3</sup>

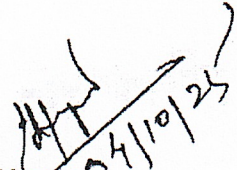
$$\text{CONCENTRATION} = \frac{P2 - P1}{1.056} \times 1000 \text{mg /m}^3 \text{ of Air}$$

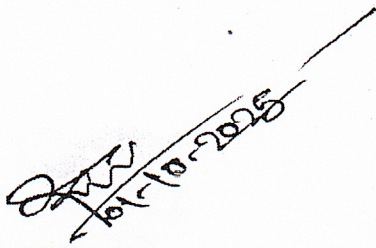
P2 – FINAL READING ( M.g)

P1 – INTIAL READING ( M.g)

INHALTATION RATE – 2.2 Liter/ Minutes

  
Safety Officer  
Jagannath Colliery

  
Project Manager  
Jagannath Colliery

  
Sr OVERMAN  
Jagannath Colliery





# CERTIFICATE OF REGISTRATION

ODISHA STATE

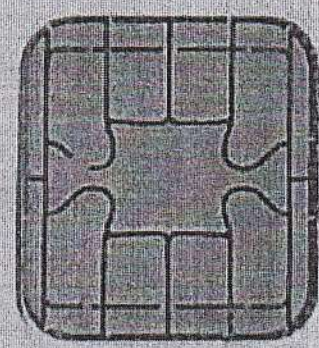


## OD35E9485

REGD. DATE 27-02-2019  
 MFG. DATE 12/2018  
 OWNER SRL. 1

CLASS TRANSPORT  
 REF. MFG VOLVO GROUP INDIA PVT L  
 NO. OF CYL. 6  
 UNLADEN WT. 18523  
 SEATING CAP. 2  
 STANDING CAP. 0  
 FUEL USED DIESEL  
 CC 12777  
 WHEEL BASE 5035  
 PURPOSE: RRN  
 TAX 30-09-2021

Name: BIA PROJECTS PVT LTD  
 SIDNW of: NA  
 Address: AT-QRNO-B/84 N S NAGAR  
 PO-BHARATPUR PS-VIKRAMPUR ANUGUL OR  
 759148



Form 23A

E. NO. 842028  
 CH. NO. YV2XSS0G9K8954564M21  
 MAKE FMX-460-8X4-19.5-GUM

AXLE TYPE	NO & SIZE	WEIGHT
Front	12X24 18PR	014000
Rear	12X24 18 PR	021000
Other	0	000000
Tandem	12X24 18 PR	000000

COLOUR : AMBER YELLOW  
 BODY TYPE TIPPER  
 TRFR. DATE:  
 VALID UPTO:09-03-2023

*[Signature]*  
 ISSUING AUTHORITY  
 1712099343

*[Handwritten Signature]*

VT-5770

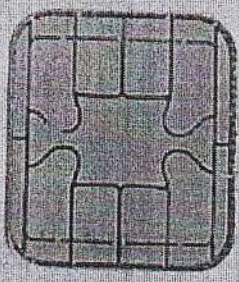
# CERTIFICATE OF REGISTRATION

ODISHA STATE



## OD35E9474

REGD. DATE 27-02-2019 CLASS TRANSPORT  
 MFG. DATE 12/2018 REF. MFG CLASS GOODS CARRIER  
 OWNER SRL 1 VOLVO GROUP INDIA PVT L  
 Name: BLA PROJECTS PVT LTD NO. OF CYL 6  
 SIDW of: NA UNLADEN WT. 18523  
 Address: AT-QRNO-B/84 N S NAGAR SEATING CAP. 2  
 PO-BHARATPUR PS-VIKRAMPUR ANUGUL OR CC STANDING CAP. 0  
 759148 FUEL USED DIESEL



Form 23A

E. NO. 842035  
 CH. NO. YV2XSS0G4K8954570M21  
 MAKE FMX-460-8X4-19.5-GUM

AXLE TYPE	NO & SIZE	WEIGHT
Front	12X24 18PR	014000
Rear	12X24 18 PR	021000
Other	0	000000
Tandem	12X24 18 PR	000000

WHEEL BASE 5035  
 PURPOSE: RRN  
 TAX 30-09-2021  
 COLOUR : AMBER YELLOW  
 BODY TYPE TIPPER  
 TRFR. DATE:  
 VALID UPTO:17-03-2023

ISSUING AUTHORITY  
 1712099343

*Buddhi*

VT-4521

# CERTIFICATE OF REGISTRATION

ODISHA STATE

## OD35E9398

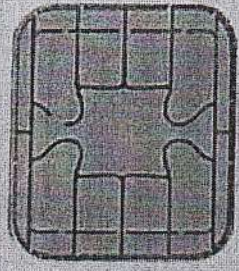
REGD. DATE 27-02-2019  
MFG. DATE 12/2018  
OWNER SRL. 1

TRANSPORT

CLASS REF. MFG

GOODS CARRIER  
VOLVO GROUP INDIA PVT I  
NO. OF CYL 6  
UNLADEN WT. 18523

Name: BLA PROJECTS PVT LTD  
SIDW of: NA



Form 23A

Address: AT-QRNO-B/84 N S NAGAR  
PO-BHARATPUR PS-VIKRAMPUR ANUGUL OR  
759148

FUEL USED DIESEL  
SEATING CAP. 2  
STANDING CAP. 0  
WHEEL BASE 5035  
CC 12777  
PURPOSE: RRN  
TAX 30-09-2021

E. NO. 842036  
CH. NO. YV2XSS0G6K8954571M21  
MAKE FMY-460-EX4-49.5 CLJM

COLOUR : AMBER YELLOW  
BODY TYPE TIPPER  
TRFR. DATE:

VALID UPTO:09-03-2023

AXLE TYPE	No & SIZE	WEIGHT
Front	12X24 18PR	014000
Rear	12X24 18 PR	021000
Other		000000
Tandem	12X24 18 PR	000000

ISSUING AUTHORITY  
1712099343

*Budhny*

V-69

# CERTIFICATE OF REGISTRATION

ODISHA STATE



## OD35E9435

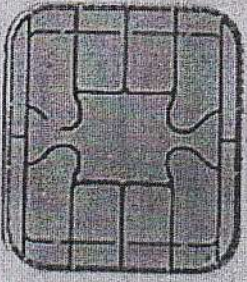
REGD. DATE 27-02-2019  
MFG. DATE 12/2018  
OWNER SRL 1

TRANSPORT

CLASS REF. MFG

GOODS CARRIER  
VOLVO GROUP INDIA PVT I

Name:  
BLA PROJECTS PVT LTD



Form 23A

SIDW of:  
NA

Address:  
AT-QRNO-B/84 N S NAGAR  
PO-BHARATPUR PS-VIKRAMPUR ANUGUL OR  
759148

NO. OF CYL 6

UNLADEN WT. 18523

SEATING CAP. 2

STANDING CAP. 0

FUEL USED DIESEL

WHEEL BASE 5035

PURPOSE: RRN

TAX 30-09-2021

COLOUR : AMBER YELLOW  
BODY TYPE TIPPER  
TRFR. DATE:

VALID UPTO:11-03-2023

E. NO. 842034  
CH. NO. YVZXSS0G8K8954569M21

MAKE FMX-450 8X4-18.5-GUM

AXLE TYPE	NO & SIZE	WEIGHT
Front	12X24 18PR	014000
Rear	12X24 18 PR	021000
Other	0	000000
Tandem	12X24 18 PR	000000

ISSUING AUTHORITY  
1712099343

Bushy

V-4324

# CERTIFICATE OF REGISTRATION

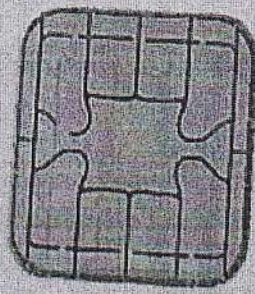
ODISHA STATE

## OD35E9393

REGD. DATE 27-02-2019  
MFG. DATE 12/2018  
OWNER SRL 1

Name: BLA PROJECTS PVT LTD  
SIDW of: NA

Address: AT-QRNO-B/84 N S NAGAR  
PO-BHARATPUR PS-VIKRAMPUR ANUGUL OR  
759143



Form 23A

CLASS TRANSPORT  
REF. MFG VOLVO GROUP INDIA PVT L  
GOODS CARRIER  
NO. OF CYL 6  
UNLADEN WT. 18523  
SEATING CAP. 2  
STANDING CAP. 0  
FUEL USED DIESEL  
CC 12777  
WHEEL BASE 5035  
PURPOSE: RRN  
TAX 30-09-2021

E. NO. 839239  
CH. NO. YV2XSS0G4K8954374M21  
MAKE FMX 460 8X4 19.5 CUM

AXLE TYPE	NO & SIZE	WEIGHT
Front	12X24 18PR	014000
Rear	12X24 18 PR	021000
Other	0	000000
Tandem	12X24 18 PR	000000

COLOUR : AMBER YELLOW  
BODY TYPE TIPPER  
TRFR. DATE:  
VALID UP TO:11-03-2023

ISSUING AUTHORITY  
1712099343

*Br...*

# CERTIFICATE OF REGISTRATION



ODISHA STATE

**OD23F2654**

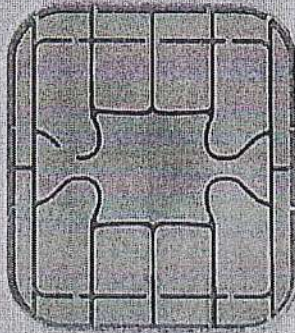
REGD. DATE 13-10-2017  
 MFG. DATE 1/2011  
 OWNER SRL 1

TRANSPORT  
 GOODS CARRIER

Name: BLA INFRASTRUCTURE PVT LTD  
 SID/W of: NA  
 Address: AT/PO-SARBAHAL NA JHARSUGUDA OR  
 769116

CLASS REF. MFG

OTHERS NO. OF CYL. 6  
 UNLADEN WT. 18523  
 SEATING CAP. 2  
 STANDING CAP. 0  
 FUEL USED DIESEL  
 CC 0  
 WHEEL BASE 0  
 PURPOSE: NEW  
 TAX 31-12-2017



FORM 23A

E. NO. 703224  
 CH. NO. YV2XSS0G5H8942369G20  
 MAKE FM 460 8X4 R43 LOAD BODY

COLOUR : AMBER YELLOW  
 BODY TYPE TIPPER  
 TRFR. DATE:

VALID UPTO:08-10-2019

AXLE TYPE	NO. & SIZE	WEIGHT
Front	2(12X24)	060000
Rear	8(12X24)	019000
Other	0	000000
Tandem		

ISSUING AUTHORITY  
 1/10/2011

*Rudra*

V-8084



**GOVERNMENT OF NAGALAND**  
Motor Vehicles Department KOHIMA RTO  
FORM 23  
CERTIFICATE OF REGISTRATION



Registration No	: NL01AE0167	Registration Date	: 16-Oct-2019
Description of Vehicle	: GOODS CARRIER	Purpose For Printing RC	: NEW
Dealer's Name & Address	: OTHERS, , , , ,		
Owner Name	: RA MINING PVT LTD.	Son/wife/daughter of	: NA
Full Address: (Permanent)	: C/O NIGAHI PHASE III COAL HANDLING, PLANT NIGAHI OCP, PO-NIGAHI, , SINGRAULI, MADHYA PRADESH-486884		
Full Address: (Temporary)	: TCP GATE, KOHIMA, , KOHIMA-NAGALAND-797001		
Fitness UpTo	: 15-Oct-2021	Tax UpTo	: 31-Dec-2020
Owner Serial No	: 1		

<b>Detailed Description</b>			
Class of Vehicle	: GOODS CARRIER	Link Vehicle No	:
Ownership	: FIRM	Norms	: BHARAT STAGE IV
Maker's Name	: VOLVO INDIA PVT LTD		
Front HSRP No	: AA2002623141	Rear HSRP No	: AA2002623142
Type of Body	: TIPPER BODY	Month/Year of Manuf.	: 06/2019
No. of Cylinders	: 6	Chassis No	: YV2XSS0G4K8958084F22
Engine No	: 899127	Fuel	: DIESEL
Horse Power(BHP)	: 460.00	Cubic Capacity	: 12777.00
Maker's Classification	: FMX 460 8X4 19.5 CUM MK	Wheel base	: 5035
Seating Cap(In all)	: 2	Standing Cap	: 0
Sleeper Cap	: 0	Unladen Wt (kgs)	: 18256
Colour	: AMBER YELLOW	Laden/GV Wt (kgs)	: 35000
Other Criteria	:	Service Type	: Ordinary Service
AC Fitted	: NO	Vehicle Purchase As	: Fully Built


**Additional Particulars of all transport vehicles other than motor cabs (Gross Vehicle Weight)**

By Manuf.	Description	As Regd.	Weight(in kgs)
a) Front:	12 X 24 18PR158/154F		7000
b) Rear:	12 X 24 18PR158/154F		7000
c) Other:			10500
d) Tandem:			10500

The motor vehicle above described is subject to Hypothecation in favour of VOLVO FINANCIAL SERVICES I PVT LTD., Bangalore, Karnataka-560093 w.e.f. 04-Oct-2019.

Purchase dt	: 04-Oct-2019	Sale Amt	: 9510000/-
OTT Date	: 04-Oct-2019	Amount/Rcpt No	: 6695 / NL1R191000005414
TaxUpTo	: 31-Dec-2020	Vehicle is Govt./ Pvt.	: PRIVATE
Tax Exempted or Not	: NOT EXEMPTED	Date of Approval	: 21-Oct-2019
<b>Other State/Transfer/Conversion Details</b>			
Previous Owner	:	Previous RegNo	:
Old State	:	Entry Date	:
Transfer Date	:	Conversion Date	:

Date : 22-Oct-2019 16:52:25  
Taxation Particulars / Advance Registration Mark Fee Details

  
 Signature of Registering Authority  
 Date : 22-Oct-2019  
**Regional Transport Officer,**  
 Kohima : Nagaland.

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**CERTIFICATE OF REGISTRATION**  
ODISHA STATE

**OD35E8578**      REGD. DATE 25-10-2017      CLASS TRANSPORT

MFG. DATE 3/2017      REF. MFG. CLASS GOODS CARRIER

OWNER'S NAME BLA INFRA PVT LTD      VOLVO AUTO INDIA PVT LT

REGD. OFFICE NO. OF CYL UNLADEN WGT

REGD. NO. 143      SEATING CAP. 1

REGD. ADDRESS BT. ORHO-BANIN'S NAGAR COLONY      STANDING CAP. B

PO. BHARATPUR PS. VIKRAMPUR ANUGUL OR      FUEL USED DIESEL

753148      CO. 6      WHEEL BASE 6      TAX 30-09-2021

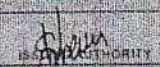
PURPOSE RRN

COLOUR YELLOW      BODY TYPE TIPPER      TRFR. DATE

E NO. 704958      VALID UP TO 23-10-2021

CH. NO. YV21530G-048947448

MAXIMUM PERMITTED WEIGHT	
Front	17272kg
Reg.	17272kg
Other	0
Tongue	0

  
 IS AUTHORITY  
 171209/141

Buddy

V-05



GOVERNMENT OF NAGALAND
Motor Vehicles Department KOHIMA RTO
FORM 23
CERTIFICATE OF REGISTRATION

912



Registration No : NL01AE0127
Description of Vehicle : GOODS CARRIER
Registration Date : 16-Oct-2019
Purpose For Printing RC : NEW
Dealer's Name & Address : OTHERS, . . . . .
Owner Name : RA MINING PVT LTD.
Son/wife/daughter of : NA
Full Address: (Permanent) : C/O NIGAHI PHASE III COAL HANDLING, PLANT NIGAHI OCP, PO-NIGAHI, , SINGRAULI, MADHYA PRADESH-486884
Full Address: (Temporary) : TCP GATE, KOHIMA, , KOHIMA-NAGALAND-797001
Fitness UpTo : 15-Oct-2021
Tax UpTo : 31-Dec-2020
Owner Serial No : 1
Detailed Description
Class of Vehicle : GOODS CARRIER
Link Vehicle No :
Ownership : FIRM
Norms : BHARAT STAGE IV
Maker's Name : VOLVO INDIA PVT LTD
Rear HSRP No : AA2002623136
Fr. HSRP No : AA2002623135
Month/Year of Manuf. : 07/2019
Type of Body : TIPPER BODY
Chassis No : YV2XSS0G5K8958305G22
No of Cylinders : 6
Fuel : DIESEL
En. a No : 902916
Cubic Capacity : 12777.00
Horse Power(BHP) : 460.00
Wheel base : 5035
Maker's Classification : FMX 460 8X4 19.5 CUM MK
Standing Cap : 0
Seating Cap(in all) : 2
Unladen Wt (kgs) : 18256
Steepar Cap : 0
Laden/GV Wt (kgs) : 35000
Colour : AMBER YELLOW
Service Type : Ordinary Service
Other Criteria :
Vehicle Purchase As : Fully Built
AC Fitted : NO

Additional Particulars of all transport vehicles other than motor cabs (Gross Vehicle Weight)

Table with 3 columns: By Manuf., Description, As Regd., Weight(in kgs). Rows include Front, Rear, Other, and ndem specifications.

The motor vehicle above described is subject to Hypothecation in favour of VOLVO FINANCIAL SERVICES I PVT LTD., Bangalore, Karnataka-560093 w.e.f. 04-Oct-2019.

Purchase dt : 04-Oct-2019
Sale Amt : 9510000/-
OTT Date : 04-Oct-2019
Amount/Rcpt No : 6695 / NL1R191000005408
TaxUpTo : 31-Dec-2020
Vehicle is Govt./ Pvt. : PRIVATE
Tax Exempted or Not : NOT EXEMPTED
Date of Approval : 21-Oct-2019

Other State/Transfer/Conversion Details
Previous Owner :
Previous RegNo :
Old State :
Entry Date :
Transfer Date :
Conversion Date :

Date 22-Oct-2019 16:51:38

Taxation Particulars / Advance Registration Mark Fee Details

Signature of Registration Authority
Date : 22-Oct-2019

Regional Transport Officer, Kohima : Nagaland.

Rudhny



**GOVERNMENT OF NAGALAND**  
**Motor Vehicles Department KOHIMA RTO**  
**FORM 23**  
**CERTIFICATE OF REGISTRATION**



Registration No : NL01AE0457      Registration Date : 24-Oct-2019  
Description of Vehicle : GOODS CARRIER      Purpose For Printing RC : NEW  
Dealer's Name & Address : VE COMERCIAL VEHICLES LTD, HOSKOTE, ...  
Owner Name : RA MINING PVT LTD.      Son/wife/daughter of : NA  
Full Address: (Permanent) : C/O NIGAHI PHASE III COAL HANDLING, PLANT NIGAHI OCP, P.O-NIGAHI, SINGRAULI, MAD  
PRADESH-486884  
Full Address: (Temporary) : TCP GATE, KOHIMA, KOHIMA-NAGALAND-797001  
Fitness UpTo : 23-Oct-2021      Tax UpTo : 31-Dec-2020  
Owner Serial No : 1  
Detailed Description  
Class of Vehicle : GOODS CARRIER      Link Vehicle No :  
Ownership : FIRM      Norms : BHARAT STAGE IV  
Maker's Name : VOLVO INDIA PVT LTD  
Front HSRP No : AA2002623173      Rear HSRP No : AA2002623174  
Type of Body : TIPPER BODY      Month/Year of Manuf. : 07/2019  
No. cylinders : 6      Chassis No : YV2XSS0G9K8958310G22  
Engine No : 902982      Fuel : DIESEL  
Horse Power(BHP) : 462.30      Cubic Capacity : 12777.00  
Maker's Classification : FMX 460 8X4 19.5 CUM MK      Wheel base : 5035  
Seating Cap(in all) : 2      Standing Cap : 0  
Sleepar Cap : 0      Unladen Wt (kgs) : 18256  
Colour : AMBER YELLOW      Laden/GV Wt (kgs) : 35000  
Other Criteria :      Service Type : Ordinary Service  
AC Fitted : NO      Vehicle Purchase As : Fully Built

**Additional Particulars of all transport vehicles other than motor cabs (Gross Vehicle Weight)**

By Manuf.	Description	As Regd.	Weight(in kgs)
a) Front:	12 X 24 18PR158/154F		7000
b) Rear:	12 X 24 18PR158/154F		7000
c) Other:	1		10500
d) Tandem:	1		10500

The motor vehicle above described is subject to Hypothecation in favour of VOLVO FINANCIAL SERVICES I PVT LTD  
Ba. ore, Karnataka-560093 w.e.f. 09-Oct-2019.

Purchase dt : 09-Oct-2019      Sale Amt : 9510000/-  
OTT Date : 09-Oct-2019      Amount/Rcpt No : 6695 / NL1R191000010077  
TaxUpTo : 31-Dec-2020      Vehicle Is Govt./ Pvt. : PRIVATE  
Tax Exempted or Not : NOT EXEMPTED      Date of Approval : 24-Oct-2019

**Other State/Transfer/Conversion Details**

Previous Owner :  
Old State :  
Transfer Date :  
Previous RegNo :  
Entry Date :  
Conversion Date :

Date : 31-Oct-2019 18:45:38

Taxation Particulars / Advance Registration Mark Fee Details

Signature of Registering Authority  
Date: 31-Oct-20

Regional Transport Off  
Kohima, Nagaland

*Budhu*



GOVERNMENT OF ODISHA  
ODISHA MOTOR VEHICLE DEPARTMENT  
REGIONAL TRANSPORT OFFICE, TALCHER



REGISTRATION CERTIFICATE PARTICULARS

Registration No. : OD35E9434 RA 10252293

Brief Description : FMX 460 8X4 19 5 CUM  
 Name of the owner : BIA INFRASTRUCTURE PVT LTD  
 S/D/Wife of : NA  
 Current Address :  
 Mob No. : AT-QRNO-B/84 N S NAGARPO-  
 BHARATPUR PS-VIRKAMPUR ANTP  
 OR 759148  
 Vehicle Class : Goods Carrier  
 Colour : AMBER YELLOW  
 Chassis No. : YV2XSS0G4K8955380A22  
 Engine No. : 856352  
 Type of Body : TIPPER  
 Maker's Name : VOLVO GROUP INDIA PVT LTD  
 HP/Lease : VOLVO FINANCIAL SERVICE  
 Agreement with : BangaloreKA560093

Registration Date : 19/03/2019  
 Owner's Serial : 1  
 01/2019  
 Manufacturing year : 6  
 No. of Cylinders : 18523  
 Unladen Weight : 35000  
 Registered Laden Weight : 0  
 Standing Capacity : 2  
 Seating Capacity :  
 Horse Power : DIESEL  
 Fuel used : 5035  
 Wheel Base : 12777  
 Cubic Capacity :  
 Floor Area :  
 Fitness Valid up to :  
 Tax Mode : 0  
 Tax Paid up to : 30/09/2021  
 Tax Rate :

No. Description & size of type :  
 a) Front Axle : 12X24 18PR  
 b) Rear Axle : 12X24 18 PR  
 c) Any other Axle : 0  
 d) Tandem Axle : 12X24 18 PR

A) Front Axle : 14000  
 B) Rear Axle : 21000  
 C) Any other Axle : 0  
 D) Tandem Axle : 0

The vehicle purchased on \_\_\_\_\_ from M/S \_\_\_\_\_  
 M.V. Tax paid Rs. 5750.00 vide Mr.No. 21070000585 Dt. 22/07/2021  
 I.C. Valid 01/03/2022

Specimen Signature of the owner

Signature of Registration Authority

Please Note: This Document is NOT VALID unless accompanied with a valid SMART CARD Certificate of Registration



**GOVERNMENT OF NAGALAND**  
**Motor Vehicles Department KOHIMA RTO**  
**FORM 23**  
**CERTIFICATE OF REGISTRATION**



902

Registration No	: NL01AE0173	Registration Date	: 16-Oct-2019
Description of Vehicle	: GOODS CARRIER	Purpose For Printing RC	: NEW
Dealer's Name & Address	: OTHERS, , , , ,		
Owner Name	: RA MINING PVT LTD.	Son/wife/daughter of	: NA
Full Address: (Permanent)	: C/O NIGAHI PHASE III COAL HANDLING, PLANT NIGAHI OCP, PO-NIGAHI, SINGRAULI, MADHVA PRADESH-486884		
Full Address: (Temporary)	: TCP GATE, KOHIMA, KOHIMA-NAGALAND-797001		
Fitness UpTo	: 15-Oct-2021	Tax UpTo	: 31-Dec-2020
Owner Serial No	: 1		
<b>Detailed Description</b>			
Class of Vehicle	: GOODS CARRIER	Link Vehicle No	:
Ownership	: FIRM	Norms	: BHARAT STAGE IV
Maker's Name	: VOLVO INDIA PVT LTD		
Front HSRP No	: AA2002623153	Rear HSRP No	: AA2002623154
Type Body	: TIPPER BODY	Month/Year of Manuf.	: 06/2019
No. Cylinders	: 6	Chassis No	: YV2XSS0G6K8958085F22
Engine No	: 899128	Fuel	: DIESEL
Horse Power(BHP)	: 460.00	Cubic Capacity	: 12777.00
Maker's Classification	: FMX 460 8X4 19.5 CUM MK	Wheel base	: 5035
Seating Cap(in all)	: 2	Standing Cap	: 0
Sleeper Cap	: 0	Unladen Wt (kgs)	: 18256
Colour	: AMBER YELLOW	Laden/GV Wt (kgs)	: 35000
Other Criteria	:	Service Type	: Ordinary Service
AC Fitted	: NO	Vehicle Purchase As	: Fully Built

**Additional Particulars of all transport vehicles other than motor cabs (Gross Vehicle Weight)**

By Manuf.	Description	As Regd.	Weight(in kgs)
a) Front:	12 X 24 18PR158/154F		7000
b) Rear:	12 X 24 18PR158/154F		7000
c) Other:			10500
d) Tandem:			10500

The motor vehicle above described is subject to Hypothecation in favour of VOLVO FINANCIAL SERVICES I PVT LTD., Bangalore, Karnataka-560093 w.e.f. 04-Oct-2019.

Purchase dt	: 04-Oct-2019	Sale Amt	: 9510000/-
OTT Date	: 04-Oct-2019	Amount/RCpt No	: 6695 / NL1R191000005417
TaxUpTo	: 31-Dec-2020	Vehicle Is Govt./ Pvt.	: PRIVATE
Tax Exempted or Not	: NOT EXEMPTED	Date of Approval	: 21-Oct-2019
<b>Other State/Transfer/Conversion Details</b>			
Previous Owner	:	Previous RegNo	:
Old State	:	Entry Date	:
Transfer Date	:	Conversion Date	:

Date: 22-Oct-2019 16:54:01

Taxation Particulars / Advance Registration Mark Fee Details

Signature of Registering Authority  
Date: 22-Oct-2019

**Regional Transport Officer,**  
**Kohima : Nagaland.**

Rudra

N-86



GOVERNMENT OF NAGALAND  
Motor Vehicles Department KOHIMA RTO  
FORM 23  
CERTIFICATE OF REGISTRATION



Registration No	: NL01AE0128	Registration Date	: 16-Oct-2019
Description of Vehicle	: GOODS CARRIER	Purpose For Printing RC	: NEW
Dealer's Name & Address	: OTHERS, . . . . -		
Owner Name	: RA MINING PVT LTD.	Son/wife/daughter of	: NA
Full Address: (Permanent)	: C/O NIGAH I PHASE III COAL HANDLING, PLANT NIGAH I OCP, PO-NIGAH I, , SINGRAULI, MADHYA PRADESH-486884		
Full Address: (Temporary)	: TCP GATE, KOHIMA, , KOHIMA-NAGALAND-797001		
Fitness UpTo	: 15-Oct-2021	Tax UpTo	: 31-Dec-2020
Owner Serial No	: 1		
Detailed Description			
Class of Vehicle	: GOODS CARRIER	Link Vehicle No	:
Ownership	: FIRM	Norms	: BHARAT STAGE IV
Maker's Name	: VOLVO INDIA PVT LTD		
Front HSRP No	: AA2002623137	Rear HSRP No	: AA2002623138
Type of Body	: TIPPER BODY	Month/Year of Manuf.	: 06/2019
No of Cylinders	: 6	Chassis No	: YV2XSS0G8K8958086F22
Engine No	: 899130	Fuel	: DIESEL
Horse Power(BHP)	: 460.00	Cubic Capacity	: 12777.00
Maker's Classification	: FMX 460 8X4 19.5 CUM MK	Wheel base	: 5035
Seating Cap(in all)	: 2	Standing Cap	: 0
Sleeper Cap	: 0	Unladen Wt (kgs)	: 18256
Colour	: AMBER YELLOW	Laden/GV Wt (kgs)	: 35000
Other Criteria	:	Service Type	: Ordinary Service
AC Fitted	: NO	Vehicle Purchase As	: Fully Built

Additional Particulars of all transport vehicles other than motor cabs (Gross Vehicle Weight)

By Manuf.	Description	As Regd.	Weight(in kgs)
a) Front:	12 X 24 18PR158/154F		7000
b) Rear:	12 X 24 18PR158/154F		7000
c) Other:			10500
d) Tandem:			10500

The motor vehicle above described is subject to Hypothecation in favour of VOLVO FINANCIAL SERVICES I PVT LTD., Bangalore, Karnataka-560093 w.e.f. 04-Oct-2019.

Purchase Date	: 04-Oct-2019	Sale Amt	: 9510000/-
OTT Date	: 04-Oct-2019	Amount/Rept No	: 6695 / NL1R191000005410
TaxUpTo	: 31-Dec-2020	Vehicle is Govt./ Pvt.	: PRIVATE
Tax Exempted or Not	: NOT EXEMPTED	Date of Approval	: 21-Oct-2019
<b>Other State/Transfer/Conversion Details</b>			
Previous Owner	:	Previous RegNo	:
Old State	:	Entry Date	:
Transfer Date	:	Conversion Date	:

Date : 22-Oct-2019 16:51:53

Taxation Particulars / Advance Registration Mark Fee Details

Signature of Registering Authority  
Date : 22-Oct-2019  
**Regional Transport Officer,**  
Kohima : Nagaland.

Buddhu



**GOVERNMENT OF NAGALAND**  
**Motor Vehicles Department KOHIMA RTO**  
**FORM 23**  
**CERTIFICATE OF REGISTRATION**



Registration No	: NL01AE0175	Registration Date	: 16-Oct-2019
Description of Vehicle	: GOODS CARRIER	Purpose For Printing RC	: NEW
Dealer's Name & Address	: OTHERS, . . . . -		
Owner Name	: RA MINING PVT LTD.	Son/wife/daughter of	: NA
Full Address: (Permanent)	: C/O NIGAHI PHASE III COAL HANDLING, PLANT NIGAHI CCP, PO-NIGAHI, SINGRAULI, MADHY PRADESH-486884		
Full Address: (Temporary)	: TOP GATE, KOHIMA, KOHIMA-NAGALAND-797001		
Fitness UpTo	: 15-Oct-2021	Tax UpTo	: 31-Dec-2020
Owner Serial No	: 1		
<b>Detailed Description</b>			
Class of Vehicle	: GOODS CARRIER	Link Vehicle No	:
Ownership	: FIRM	Norms	: BHARAT STAGE IV
Maker's Name	: VOLVO INDIA PVT LTD		
Front HSRP No	: AA2002623157	Rear HSRP No	: AA2002623158
Type of Body	: TIPPER BODY	Month/Year of Manuf.	: 06/2019
No. of Cylinders	: 6	Chassis No	: YV2XSS0GXXK8958087F22
Engine No	: 899131	Fuel	: DIESEL
Horse Power(BHP)	: 460.00	Cubic Capacity	: 12777.00
Maker's Classification	: FMX 460 8X4 19.5 CUM MK	Wheel base	: 5035
Seating Cap(in all)	: 2	Standing Cap	: 0
Sleeper Cap	: 0	Unladen Wt (kgs)	: 18256
Colour	: AMBER YELLOW	Laden/GV Wt (kgs)	: 35000
Other Criteria	:	Service Type	: Ordinary Service
AC Fitted	: NO	Vehicle Purchase As	: Fully Built

**Additional Particulars of all transport vehicles other than motor cabs (Gross Vehicle Weight)**

By Manuf.	Description	As Regd.	Weight(in kgs)
a) Front:	12 X 24 18PR158/154F		7000
b) Rear:	12 X 24 18PR158/154F		7000
c) Other:			10500
d) Tandem:			10500

The motor vehicle above described is subject to Hypothecation in favour of VOLVO FINANCIAL SERVICES I PVT LTD, Bangalore, Karnataka-560093 w.e.f. 04-Oct-2019.

Purchase dt	: 04-Oct-2019	Sale Amt	: 9510000/-
OTT Date	: 04-Oct-2019	Amount/Rcpt No	: 6695 / NL1R191000005464
TaxUpTo	: 31-Dec-2020	Vehicle is Govt./ Pvt.	: PRIVATE
Tax Exempted or Not	: NOT EXEMPTED	Date of Approval	: 21-Oct-2019

**Other State/Transfer/Conversion Details**

Previous Owner	:	Previous RegNo	:
Old State	:	Entry Date	:
Transfer Date	:	Conversion Date	:

Date : 22-Oct-2019 10:54:32

Taxation Particulars / Advance Registration Mark Fee Details

Signature of Registering Authority  
 Date : 22-Oct-2019  
**Regional Transport Officer,**  
**Kohima : Nagaland.**

Buddy

V7-251


GOVERNMENT OF ODISHA  
ODISHA MOTOR VEHICLE DEPARTMENT  
REGIONAL TRANSPORT OFFICE, JHARSUGUDA



REGISTRATION CERTIFICATE PARTICULARS

RA 06285623

Registration No. : OD23E 9532

Brief Description: FMX460 8X4 R43 LOAD BODY  
Name of the owner: BLA PROJECTS PVT LTD  
S/D/Wife of: NA  
Current Address:   
Mob. No. : 8114867172  
AT-NEAR GURUDWARA PO-SOUTH  
BALANDA PS-COILLERY  
TALCHER ANGUL 759116

Registration Date: 02-08-2017  
Owner's Serial: 1  
Manufacturing year: 05/2017  
No. of Cylinders: 6  
Unladen Weight: 18523  
Registered Laden Weight: 31000  
Standing Capacity: 00  
Seating Capacity: 2  
Horse Power:  
Fuel used: DIESEL  
Wheel Base: 0  
Cubic Capacity: 0  
Floor Area:  
Fitness Valid up to: 30-07-2019  
Tax Mode:  
Tax Paid up to: 30-09-2017  
Tax Rate:  
Permissible Axle Weight:

Vehicle Class: HGV  
Colour: AMBER YELLOW  
Chassis No. YV2XSS0CXH8941251E20  
Engine No. 686053  
Type of Body: TIPPER  
Maker's Name: VOLVO  
HP/Lease: VOLVO FIN SERV I PVT LTD  
BBSR, BBSR,  
Agreement with:

No. Description & size of type.

- a) Front Axle 2 (12X24)
- b) Rear Axle 2 (12X24)
- c) Any other Axle 8 (12X24)
- d) Tandem Axle 6

- A) Front Axle 606000
- B) Rear Axle 606000
- C) Any other Axle 606000
- D) Tandem Axle 200000

The vehicle purchased on \_\_\_\_\_ from M/S \_\_\_\_\_  
M.V. Tax paid Rs. 5423 vide Mr. No. \_\_\_\_\_ DL \_\_\_\_\_  
I.C. Valid 18-07-2018

Specimen Signature of the owner

Signature of Registration Authority  
OMVD Jharsuguda

Please Note: This Document is NOT VALID unless accompanied with a valid SMART CARD Certificate of Registration

Buddhy

## Form 59

[See rules 115 (2)]

**Pollution Under Control Certificate**

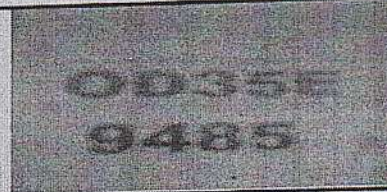
Authorised By :  
Government of Jharkhand

Date : 16/10/2025  
Time : 12:04:39 PM  
Validity upto : 15/10/2026



Certificate SL. No. : JH00200470015473  
Registration No. : OD35E9485  
Date of Registration : 27/Feb/2019  
Month & Year of Manufacturing : December-2018  
Valid Mobile Number : \*\*\*\*\*8873  
Emission Norms : BHARAT STAGE IV  
Fuel : DIESEL  
PUC Code : JH0020047  
GSTIN :  
Fees : Rs.300.0  
MIL observation : No

Vehicle Photo with Registration plate  
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	1.62	0.26

This PUC certificate is system generated through the national register of Motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to

Authorised Signature with stamp of PUC Operator  
60mm x 20 mm

## Form 59

[See rules 115 (2)]

**Pollution Under Control Certificate**

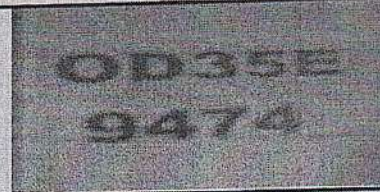
Authorised By :  
Government of Jharkhand

Date : 16/10/2025  
Time : 12:41:00 PM  
Validity upto : 15/10/2026



Certificate SL. No. : JH00200470015478  
Registration No. : OD35E9474  
Date of Registration : 27/Feb/2019  
Month & Year of Manufacturing : December-2018  
Valid Mobile Number : \*\*\*\*\*4838  
Emission Norms : BHARAT STAGE IV  
Fuel : DIESEL  
PUC Code : JH0020047  
GSTIN :  
Fees : Rs.300.0  
MIL observation : No

Vehicle Photo with Registration plate  
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	1.62	0.36

This PUC certificate is system generated through the national register of Motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to

Authorised Signature with stamp of PUC Operator  
60mm x 20 mm

Form 59

[See rules 115 (2)]

**Pollution Under Control Certificate**

Authorised By :  
Government of Jharkhand



Date : 16/10/2025  
Time : 12:42:11 PM  
Validity upto : 15/10/2026

Certificate SL No. : JH00200470015479  
Registration No. : OD35E9398  
Date of Registration : 27/Feb/2019  
Month & Year of Manufacturing : December-2018  
Valid Mobile Number : \*\*\*\*\*g174  
Emission Norms : BHARAT STAGE IV  
Fuel : DIESEL  
PUC Code : JH0020047  
GSTIN :  
Fees : Rs.300.0  
MIL observation : No

Vehicle Photo with Registration plate  
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	1.62	0.25

This PUC certificate is system generated through the national register of Motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to

Authorised Signature with stamp of PUC Operator  
60mm x 20 mm

*Rudhny*

Form 59

[See rules 115 (2)]

**Pollution Under Control Certificate**

Authorised By :  
Government of Jharkhand

Date : 16/10/2025  
Time : 12:39:58 PM  
Validity upto : 15/10/2026



Certificate SL No. : JH00200470015477  
Registration No. : OD35E9435  
Date of Registration : 27/Feb/2019  
Month & Year of Manufacturing : December-2018  
Valid Mobile Number : \*\*\*\*\*7408  
Emission Norms : BHARAT STAGE IV  
Fuel : DIESEL  
PUC Code : JH0020047  
GSTIN :  
Fees : Rs.300.0  
MIL observation : No

Vehicle Photo with Registration plate  
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High Idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	1.62	0.32

This PUC certificate is system generated through the national register of Motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to

Authorised Signature with stamp of PUC Operator  
60mm x 20 mm

Open with Google Docs

Form 59

[See rules 115 (2)]

**Pollution Under Control Certificate**

Authorised By :  
Government of Jharkhand

Date : 18/10/2025  
Time : 13:09:48 PM  
Validity upto : 17/10/2026



Certificate SL. No. : JH00200470015550  
Registration No. : OD35E9393  
Date of Registration : 27/Feb/2019  
Month & Year of Manufacturing : December-2018  
Valid Mobile Number : \*\*\*\*\*1511  
Emission Norms : BHARAT STAGE IV  
Fuel : DIESEL  
PUC Code : JH0020047  
GSTIN :  
Fees : Rs.300.0  
MIL observation : No

Vehicle Photo with Registration plate  
60 mm x 30 mm



Buddy

Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	1.62	0.26

This PUC certificate is system generated through the national register of Motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to

Authorised Signature with stamp of PUC Operator  
60mm x 20 mm

**Form 59**

[See rules 115 (2)]

**Pollution Under Control Certificate**

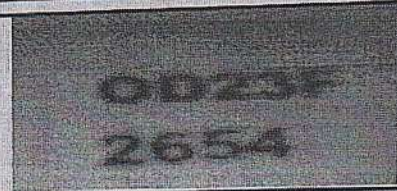
Authorised By :  
Government of Jharkhand

Date : **07/09/2025**  
Time : **17:15:41 PM**  
Validity upto : **06/09/2026**



Certificate SL. No. : JH00200470015208  
 Registration No. : OD23F2654  
 Date of Registration : 13/Oct/2017  
 Month & Year of Manufacturing : July-2017  
 Valid Mobile Number : \*\*\*\*\*4155  
 Emission Norms : BHARAT STAGE IV  
 Fuel : DIESEL  
 PUC Code : JH0020047  
 GSTIN :  
 Fees : Rs.300.0  
 MIL observation : No

Vehicle Photo with Registration plate  
60 mm x 30 mm



*Rudra*

Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	1.62	0.26

This PUC certificate is system generated through the national register of Motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to

Authorised Signature with stamp of PUC Operator  
60mm x 20 mm

Form 59

[See rules 115 (2)]

**Pollution Under Control Certificate**

Authorised By :  
Government of Jharkhand

Date : 08/09/2025  
Time : 10:54:40 AM  
Validity upto : 07/09/2026



Certificate SL No. : JH00200470015226  
Registration No. : NL01AE0167  
Date of Registration : 16/Oct/2019  
Month & Year of Manufacturing : June-2019  
Valid Mobile Number : \*\*\*\*\*2002  
Emission Norms : BHARAT STAGE IV  
Fuel : DIESEL  
PUC Code : JH0020047  
GSTIN :  
Fees : Rs.300.0  
MIL observation : No

Vehicle Photo with Registration plate  
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	1.62	0.31

This PUC certificate is system generated through the national register of Motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to

Authorised Signature with stamp of PUC Operator  
60mm x 20 mm

Form 59

[See rules 115 (2)]

**Pollution Under Control Certificate**

Authorised By :  
Government of Jharkhand

Date : 12/08/2025  
Time : 10:38:06 AM  
Validity upto : 11/08/2026



Certificate SL. No. : JH00200470014959  
Registration No. : OD35E8578  
Date of Registration : 25/Oct/2017  
Month & Year of Manufacturing : September-2017  
Valid Mobile Number : \*\*\*\*\*6776  
Emission Norms : BHARAT STAGE IV  
Fuel : DIESEL  
PUC Code : JH0020047  
GSTIN :  
Fees : Rs.300.0  
MIL observation : No

Vehicle Photo with Registration plate  
60 mm x 30 mm



*Buddy*

Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	1.62	0.28

This PUC certificate is system generated through the national register of Motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to

Authorised Signature with stamp of PUC Operator  
60mm x 20 mm

[See rules 115 (2)]

**Pollution Under Control Certificate**Authorised By :  
Government of ChhattisgarhDate : 21/03/2025  
Time : 10:18:35 AM  
Validity upto : 20/03/2026Certificate SL. No. : CG00400210025160  
Registration No. : NL01AE0127  
Date of Registration : 16/Oct/2019  
Month & Year of Manufacturing : July-2019  
Valid Mobile Number : \*\*\*\*\*8986  
Emission Norms : BHARAT STAGE IV  
Fuel : DIESEL  
PUC Code : CG0040021  
GSTIN :  
Fees : Rs.300.00  
MIL observation : NoVehicle Photo with Registration plate  
60 mm x 30 mm

Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	1.62	0.54

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>Authorised Signature with stamp of PUC Operator  
60mm x 20 mm

## Form 59

[See rules 115 (2)]

**Pollution Under Control Certificate**

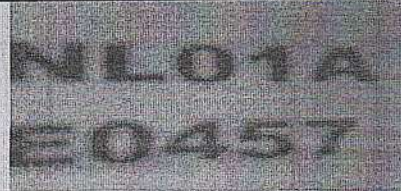
Authorised By :  
Government of Jharkhand

Date : 18/10/2025  
Time : 09:39:26 AM  
Validity upto : 17/10/2026



Certificate SL. No. : JH00200470015518  
Registration No. : NL01AE0457  
Date of Registration : 24/Oct/2019  
Month & Year of Manufacturing : July-2019  
Valid Mobile Number : \*\*\*\*\*4155  
Emission Norms : BHARAT STAGE IV  
Fuel : DIESEL  
PUC Code : JH0020047  
GSTIN :  
Fees : Rs.300.0  
MIL observation : No

Vehicle Photo with Registration plate  
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	1.62	0.33

This PUC certificate is system generated through the national register of Motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://vahan.parivahan.gov.in>

Authorised Signature with stamp of PUC Operator  
60mm x 20 mm

# Pollution Under Control Certificate

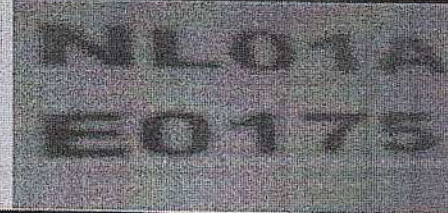
Authorised By :  
Government of Jharkhand

Date : 18/10/2025  
Time : 09:37:29 AM  
Validity upto : 17/10/2026



Certificate SL. No. : JH00200470015516  
Registration No. : NL01AE0175  
Date of Registration : 16/Oct/2019  
Month & Year of Manufacturing : June-2019  
Valid Mobile Number : \*\*\*\*\*4155  
Emission Norms : BHARAT STAGE IV  
Fuel : DIESEL  
PUC Code : JH0020047  
GSTIN :  
Fees : Rs.300.0  
MIL observation : No

Vehicle Photo with Registration plate  
60 mm x 30 mm



*Handwritten signature*

Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High Idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	1.62	0.38

This PUC certificate is system generated through the national register of Motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to

Authorised Signature with stamp of PUC Operator  
60mm x 20 mm

## Form 59

[See rules 115 (2)]

**Pollution Under Control Certificate**

Authorised By :  
Government of Jharkhand

Date : 18/10/2025  
Time : 09:34:01 AM  
Validity upto : 17/10/2026



Certificate SL No. : JH00200470015515  
Registration No. : NL01AE012B  
Date of Registration : 16/Oct/2019  
Month & Year of Manufacturing : June-2019  
Valid Mobile Number : \*\*\*\*\*4155  
Emission Norms : BHARAT STAGE IV  
Fuel : DIESEL  
PUC Code : JH0020047  
GSTIN :  
Fees : Rs.300.0  
MIL observation : No

Vehicle Photo with Registration plate  
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	1.62	0.26

This PUC certificate is system generated through the national register of Motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to

Authorised Signature with stamp of PUC Operator  
60mm x 20 mm

## Form 59

[See rules 115 (2)]

**Pollution Under Control Certificate**

Authorised By :  
Government of Chhattisgarh

Date : 16/09/2024  
Time : 10:25:46 AM  
Validity upto : 15/09/2025



Certificate SL. No. : CG00400190020098  
Registration No. : NL01AE0173  
Date of Registration : 16/Oct/2019  
Month & Year of Manufacturing : June-2019  
Valid Mobile Number : \*\*\*\*\*4847  
Emission Norms : BHARAT STAGE IV  
Fuel : DIESEL  
PUC Code : CG0040019  
GSTIN :  
Fees : Rs.150.0  
MIL observation : No

Vehicle Photo with Registration plate  
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High Idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	1.62	0.55

This PUC certificate is system generated through the national register of Motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to

Authorised Signature with stamp of PUC Operator  
60mm x 20 mm

Form 59

[See rules 115 (2)]

**Pollution Under Control Certificate**

Authorised By :  
Government of Jharkhand

Date : 18/10/2025  
Time : 11:13:39 AM  
Validity upto : 17/10/2026



Certificate SL. No. : JH00200470015547  
Registration No. : OD35E9434  
Date of Registration : 19/Mar/2019  
Month & Year of Manufacturing : January-2019  
Valid Mobile Number : \*\*\*\*\*1785  
Emission Norms : BHARAT STAGE IV  
Fuel : DIESEL  
PUC Code : JH0020047  
GSTIN :  
Fees : Rs.300.0  
MIL observation : No

Vehicle Photo with Registration plate  
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	1.62	0.3

This PUC certificate is system generated through the national register of Motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to

Authorised Signature with stamp of PUC Operator  
60mm x 20 mm

*Rudra*



सीएमपीडीआई  
मिनी रत्न  
cmpdi  
Mini Ratna

## Drinking Water Quality Data Jagannath Area

Project / OCP	Jagannath OCP			Indian Drinking Standards (IS-10500):2012	
	Monitoring Station	Balanda Colony	Jagannath Colony		
Date of Sampling	9-Apr-2025	9-Apr-2025	9-Apr-2025	Acceptable	Permissible
Colour(Hazen)	2	3	1	5	15
Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
Taste	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
Turbidity(NTU)	1	2	1	1	5
pH	7.73	7.79	7.91	6.5-8.5	No relaxation
Total Alkalinity(mg/L)	58.83	58.83	63.03	200	600
Chloride(mg/L)	15.56	17.50	17.50	250	1000
Sulphate(mg/L)	116.62	108.44	122.60	200	400
Nitrate(mg/L)	<0.05	<0.5	<0.5	45	No relaxation
Total Hardness (Ca CO <sub>3</sub> )(mg/L)	203.18	203.18	231.07	200	600
Calcium(mg/L)	55.89	51.10	71.86	75	200
Fluoride(mg/L)	0.39	0.52	0.42	1	1.5
Total Dissolve Solid(mg/L)	312	302	340	500	2000
Copper(mg/L)	0.032	<0.03	<0.03	0.05	1.5
Manganese(mg/L)	<0.04	<0.04	<0.04	0.1	0.3
Iron(mg/L)	0.11	0.11	0.13	1.0	No relaxation
Zinc(mg/L)	<0.04	<0.04	<0.04	5	15
Lead(mg/L)	<0.005	<0.005	<0.005	0.01	No relaxation
Cadmium(mg/L)	<0.001	0.001	<0.001	0.003	No relaxation
Total Chromium (mg/L)	<0.01	<0.01	<0.01	0.05	No relaxation
Arsenic(mg/L)	<0.005	<0.005	<0.005	0.01	No relaxation
Boron(mg/L)	<0.2	<0.2	<0.2	0.5	2.4

*[Handwritten signature]*

*[Handwritten signature]*

Authorized Signatory  
CMPDI, XI-VII, LAB  
BHUBANESWAR



सीएमपीडीआई  
मिनी रत्न  
cmpdi  
Mini Ratna

## Drinking Water Quality Data Jagannath Area

Project / OCP	Jagannath OCP			Indian Drinking Standards (IS-10500):2012	
Monitoring Station	Balanda Colony	Jagannath Colony	Rakas Village Well Water	Acceptable	Permissible
Date of Sampling	9-Apr-2025	9-Apr-2025	9-Apr-2025	Acceptable	Permissible
Selenium(mg/L)	<0.005	<0.005	<0.005	0.01	No relaxation
Phenolics(mg/L)	<0.001	<0.001	<0.001	0.001	0.002
Residual Free Chlorine(mg/L)	<0.2	<0.2	<0.2	0.2	1.0
MPN (Index/100 ml)	Not Detected	Not Detected	Not Detected	-	-
Sodium(mg/L)	11.89	12.34	14.13	-	-
Potassium(mg/L)	5.73	5.55	6.91	-	-

Project / OCP	Ananta OCP		Indian Drinking Standards (IS-10500):2012	
Monitoring Station	Ananta Colony	Dera Village Tube Well Water	Acceptable	Permissible
Date of Sampling	9-Apr-2025	9-Apr-2025	Acceptable	Permissible
Selenium(mg/L)	<0.005	<0.005	0.01	No relaxation
Phenolics(mg/L)	<0.001	<0.001	0.001	0.002
Residual Free Chlorine(mg/L)	<0.2	<0.2	0.2	1.0
MPN (Index/100 ml)	Not Detected	Not Detected	-	-
Sodium(mg/L)	9.67	27.62	-	-
Potassium(mg/L)	3.37	11.33	-	-

*Signature*  
Authorized Signatory  
CMPDI, P-I-VII, LAB  
BHUBANESWAR

*Signature*



सीएमपीडीआई  
मिनी रत्ना  
cmpdi  
Mini Ratna

## Drinking Water Quality Data Jagannath Area

Project / OCP	Jagannath OCP			Indian Drinking Standards (IS-10500):2012	
	Monitoring Station	Balanda Colony	Jagannath Colony	Rakas Village Well Water	
Date of Sampling	13-May-2025	13-May-2025	13-May-2025	Acceptable	Permissible
Colour(Hazen)	3	1	3	5	15
Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
Taste	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
Turbidity(NTU)	2	1	3	1	5
pH	7.68	7.67	6.62	6.5-8.5	No relaxation
Total Alkalinity(mg/L)	58.83	54.63	71.43	200	600
Chloride(mg/L)	15.56	9.72	44.73	250	1000
Sulphate(mg/L)	154.1	13.67	55.6	200	400
Nitrate(mg/L)	<0.05	<0.5	46.5	45	No relaxation
Total Hardness (Ca CO <sub>3</sub> )(mg/L)	227.09	67.73	159.36	200	600
Calcium(mg/L)	65.48	15.97	44.72	75	200
Fluoride(mg/L)	10.09	0.40	0.61	1	1.5
Total Dissolve Solid(mg/L)	364	118	346	500	2000
Copper(mg/L)	<0.03	<0.03	<0.03	0.05	1.5
Manganese(mg/L)	<0.04	<0.04	<0.04	0.1	0.3
Iron(mg/L)	<0.1	<0.1	<0.1	1.0	No relaxation
Zinc(mg/L)	<0.04	<0.04	<0.04	5	15
Lead(mg/L)	<0.005	<0.005	<0.005	0.01	No relaxation
Cadmium(mg/L)	<0.001	<0.001	<0.001	0.003	No relaxation
Total Chromium (mg/L)	<0.01	<0.01	<0.01	0.05	No relaxation
Arsenic(mg/L)	<0.005	<0.005	<0.005	0.01	No relaxation
Boron(mg/L)	<0.2	<0.2	<0.2	0.5	2.4

*Laffan*  
Authorised Signatory  
CMPDI, RI-VII, LAB  
BANGSWAR

*Budhi*

*Adh*



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## Drinking Water Quality Data Jagannath Area

Project / OCP	Jagannath OCP			Indian Drinking Standards (IS-10500):2012	
Monitoring Station	Balanda Colony	Jagannath Colony	Rakas Village Well Water	Acceptable	Permissible
Date of Sampling	13-May-2025	13-May-2025	13-May-2025	Acceptable	Permissible
Selenium(mg/L)	<0.005	<0.005	<0.005	0.01	No relaxation
Sodium(mg/L)	11.59	7.03	21.37		
Potassium(mg/L)	7.25	1.66	10.86		
Phenolics(mg/L)	<0.001	<0.001	<0.001	0.001	0.002
Residual Free Chlorine(mg/L)	<0.2	<0.2	<0.2	0.2	1.0
MPN (Index/100 ml)	Not Detected	Not Detected	Not Detected	-	-

Project / OCP	Ananta OCP		Indian Drinking Standards (IS-10500):2012	
Monitoring Station	Ananta Colony	Dera Village Tube Well Water	Acceptable	Permissible
Date of Sampling	13-May-2025	13-May-2025	Acceptable	Permissible
Selenium(mg/L)	<0.005	<0.005	0.01	No relaxation
Sodium(mg/L)	5.28	7.25		
Potassium(mg/L)	3.76	1.94		
Phenolics(mg/L)	<0.001	<0.001	0.001	0.002
Residual Free Chlorine(mg/L)	<0.2	<0.2	0.2	1.0
MPN (Index/100 ml)	Not Detected	Not Detected	-	-

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## Drinking Water Quality Data Jagannath Area

Project / OCP	Jagannath OCP			Indian Drinking Standards (IS-10500):2012	
	Monitoring Station	Balanda Colony	Jagannath Colony	Rakas Village Well Water	
Date of Sampling	12-Jun-2025	12-Jun-2025	12-Jun-2025	Acceptable	Permissible
Colour(Hazen)	1	2	1	5	15
Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
Taste	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
Turbidity(NTU)	2	2	1	1	5
pH	7.39	7.01	7.61	6.5-8.5	No relaxation
Total Alkalinity(mg/L)	58.83	214.30	58.83	200	600
Chloride(mg/L)	11.67	27.23	11.67	250	1000
Sulphate(mg/L)	78.32	21.32	33.95	200	400
Nitrate(mg/L)	<0.5	1.03	<0.5	45	No relaxation
Total Hardness (Ca CO <sub>3</sub> )(mg/L)	155.38	223.10	103.58	200	600
Calcium(mg/L)	43.12	68.67	28.75	75	200
Fluoride(mg/L)	0.86	0.90	0.62	1	1.5
Total Dissolve Solid(mg/L)	242	354	168	500	2000
Copper(mg/L)	<0.03	<0.03	<0.03	0.05	1.5
Manganese(mg/L)	<0.04	<0.04	<0.04	0.1	0.3
Iron(mg/L)	<0.1	<0.1	<0.1	1.0	No relaxation
Zinc(mg/L)	<0.04	<0.04	<0.04	5	15
Lead(mg/L)	<0.005	<0.005	<0.005	0.01	No relaxation
Cadmium(mg/L)	<0.001	<0.001	<0.001	0.003	No relaxation
Total Chromium (mg/L)	<0.01	<0.01	<0.01	0.05	No relaxation
Arsenic(mg/L)	<0.005	<0.005	<0.005	0.01	No relaxation
Boron(mg/L)	<0.2	<0.2	<0.2	0.5	2.4

Authorized Signatory  
CMPDI, R.V. I.A.A.  
BHU.

*Rushi*

*Aditya*



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## Drinking Water Quality Data Jagannath Area

Project / OCP	Jagannath OCP			Indian Drinking Standards (IS-10500):2012	
	Monitoring Station	Balanda Colony	Jagannath Colony		
Date of Sampling	12-Jun-2025	12-Jun-2025	12-Jun-2025	Acceptable	Permissible
Selenium(mg/L)	<0.005	<0.005	<0.005	0.01	No relaxation
Sodium(mg/L)	13.67	14.72	13.05	-	-
Potassium(mg/L)	0.60	4.20	2.76	-	-
Phenolics(mg/L)	<0.001	<0.001	<0.001	0.001	0.002
Residual Free Chlorine(mg/L)	<0.2	<0.2	<0.2	0.2	1.0
MPN (Index/100 ml)	Not Detected	Not Detected	Not Detected	-	-

Project / OCP	Ananta OCP		Indian Drinking Standards (IS-10500):2012	
	Monitoring Station	Ananta Colony		
Date of Sampling	12-Jun-2025	12-Jun-2025	Acceptable	Permissible
Selenium(mg/L)	<0.005	<0.005	0.01	No relaxation
Sodium(mg/L)	12.41	20.34	-	-
Potassium(mg/L)	2.72	1.46	-	-
Phenolics(mg/L)	<0.001	<0.001	0.001	0.002
Residual Free Chlorine(mg/L)	<0.2	<0.2	0.2	1.0
MPN (Index/100 ml)	Not Detected	Not Detected	-	-

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## Drinking Water Quality Data Jagannath Area

Project / OCP	Jagannath OCP			Indian Drinking Standards (IS-10500):2012	
	Monitoring Station	Jagannath Colony	Rakas Village Well Water		
Date of Sampling	14-Aug-2025	14-Aug-2025	14-Aug-2025	Acceptable	Permissible
Colour(Hazen)	2	3	3	5	15
Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
Taste	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
Turbidity(NTU)	3	3	2	1	5
pH	6.93	7.50	7.10	6.5-8.5	No relaxation
Total Alkalinity(mg/L)	79.83	75.63	71.43	200	600
Chloride(mg/L)	25.25	21.37	19.4	250	1000
Sulphate(mg/L)	148	136	112.78	200	400
Nitrate(mg/L)	0.76	0.58	<0.5	45	No relaxation
Total Hardness (Ca CO <sub>3</sub> )(mg/L)	211.78	196.10	160.80	200	600
Calcium(mg/L)	62.88	55.02	45.59	75	200
Fluoride(mg/L)	0.86	0.74	0.78	1	1.5
Total Dissolve Solid(mg/L)	352	332	292	500	2000
Copper(mg/L)	<0.03	<0.03	<0.03	0.05	1.5
Manganese(mg/L)	<0.04	<0.04	<0.04	0.1	0.3
Iron(mg/L)	<0.1	<0.1	<0.1	1.0	No relaxation
Zinc(mg/L)	<0.04	<0.04	<0.04	5	15
Lead(mg/L)	<0.005	<0.005	<0.005	0.01	No relaxation
Cadmium(mg/L)	<0.005	<0.005	<0.001	0.003	No relaxation
Total Chromium (mg/L)	<0.01	<0.01	<0.01	0.05	No relaxation
Arsenic(mg/L)	<0.005	<0.005	<0.005	0.01	No relaxation
Boron(mg/L)	<0.2	<0.2	<0.2	0.5	2.4

*Siddhant*  
Authorized Signatory  
CMPDI, RLV, LAG  
BHUBANESHWAR

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*Jasmat*



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## Drinking Water Quality Data Jagannath Area

Project / OCP	Jagannath OCP			Indian Drinking Standards (IS-10500):2012	
	Monitoring Station	Jagannath Colony	Rakas Village Well Water		
Date of Sampling	14-Aug-2025	14-Aug-2025	14-Aug-2025	Acceptable	Permissible
Selenium(mg/L)	<0.005	<0.005	<0.005	0.01	No relaxation
Sodium(mg/L)	7.67	15.24	16.12		
Potassium(mg/L)	6.98	7.40	9.81		
Phenolics(mg/L)	<0.001	<0.001	<0.001	0.001	0.002
Residual Free Chlorine(mg/L)	<0.2	<0.2	<0.2	0.2	1.0
MPN (Index/100 ml)	Not Detected	Not Detected	Not Detected	-	-

*K. K. L.*  
Authorized Signatory  
CMPDI, RI-VII, LAG  
BHUBANESWAR

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## Piezometer Water Quality Data: Jagannath Area

Project / OCP	Balanda	Indian Drinking Standards (IS-10500):2012	
Monitoring Station	MTPJ 01 (Near PO Office) (Reported)	Acceptable	Permissible
Date of Sampling	5-May-25		
Colour(Hazen)	3	5	15
Odour	Agreeable	Agreeable	Agreeable
Taste	Agreeable	Agreeable	Agreeable
Turbidity(NTU)	2	1	5
pH	7.17	6.5-8.5	No relaxation
Total Alkalinity(mg/L)	212.74	200	600
Chloride(mg/L)	23.48	250	1000
Sulphate(mg/L)	35.22	200	400
Nitrate(mg/L)	<0.50	45	No relaxation
Total Hardness (Ca CO <sub>3</sub> )(mg/L)	187.00	200	600
Calcium(mg/L)	52.70	75	200
Fluoride(mg/L)	0.58	1	1.5
Total Dissolve Solid(mg/L)	308	500	2000
Copper(mg/L)	<0.03	0.05	1.5
Manganese(mg/L)	0.14	0.1	0.3
Iron(mg/L)	<0.1	0.3	No relaxation
Zinc(mg/L)	<0.04	5	15
Lead(mg/L)	<0.005	0.01	No relaxation
Cadmium(mg/L)	<0.001	0.003	No relaxation
Total Chromium (mg/L)	<0.01	0.05	No relaxation
Arsenic(mg/L)	<0.005	0.01	0.05
Selenium (mg/L)	<0.005	0.01	No relaxation
Boron(mg/L)	<0.2	0.5	1
Sodium mg/L	8.77	0.5	-
Potassium mg/L	0.60	0.5	-
Phenolics (mg/L)	<0.001	0.001	0.002
Residual Free Chlorine (mg/L)	<0.2	0.2	1
MPN (Index/100ml)	Not Detected	-	-

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## Surface Water Quality Data Jagannath Area

Project/OCF	Jagannath				IS:2296-1982 Tolerance for inland Surface water (Class C)
	Downstream of Bangaru Jhor nalla	Downstream of Brahmani River where Bangaru Water meets	Upstream of Brahmani River where Bangaru Water meets	Upstream of Bangaru Jhor river near Joragarhia as downstream of Bharatpur OCP (Upstream for Jagannath) (Reported)	
Date of sampling	12-Jun-25	12-Jun-25	12-Jun-25	13-Jun-25	
pH	7.12	7.27	7.74	7.64	6.5-8.5
Color (Hazen unit)	3	5	4	5	300
Dissolved Oxygen(mg/L)	6.6	6.3	6.8	6.1	4
BOD (3 days 27°C(mg/L)	<2	<2	<2	<2	3
Chlorides(mg/L)	50.62	33.10	27.26	21.42	600
Sulphate(mg/L)	175.32	188.31	127.27	131.56	400
Nitrate(mg/L)	9.96	4.32	0.51	1.21	50
Fluoride(mg/L)	0.90	0.96	0.74	0.87	1.5
Total Hardness(mg/L)	298.41	370.03	190.98	286.47	-
Total dissolved solids (mg/L)	532	597	350	340	1500
TSS(mg/L)	34	52	36	48	-
Copper(mg/L)	<0.03	<0.03	<0.03	<0.03	1.5
Iron(mg/L)	<0.1	<0.1	<0.1	<0.1	50
Zinc(mg/L)	0.08	0.08	0.06	<0.07	15
Lead(mg/L)	<0.005	<0.005	<0.005	<0.005	0.1
Cadmium(mg/L)	<0.001	<0.001	<0.001	<0.001	0.01
Total Chromium (mg/L)	<0.01	<0.01	<0.01	<0.01	-
Arsenic(mg/L)	<0.005	<0.005	<0.005	<0.005	0.2
Selenium(mg/L)	<0.005	<0.005	<0.005	<0.005	0.05
Chromium(as Cr <sup>6+</sup> )(mg/L)	<0.05	<0.05	<0.05	<0.05	0.05
Phenolics(mg/L)	<0.001	<0.001	<0.001	<0.001	0.005
Oil & Grease (mg/L)	<4.0	<4.0	<4.0	<4.0	0.1
MPN (Index/100 ml)	140	140	120	130	-
Residual Free Chlorine(mg/L)	<0.2	<0.2	<0.2	<0.2	0.2

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## Surface Water Quality Data Jagannath Area

Project/OCP	Balanda OCP		IS:2296-1982 Tolerance for inland Surface water (Class C)
	Main Sump near Quarry II	Main Sump near Quarry III	
NAME OF STATIONS	12-Jun-25	12-Jun-25	
Date of sampling			
pH	7.19	6.88	6.5-8.5
Color (Hazen unit)	2	2	300
Dissolved Oxygen(mg/L)	6.3	6.5	4
BOD (3 days 27°C)(mg/L)	<2	<2	3
Chlorides(mg/L)	25.31	15.58	600
Sulphate(mg/L)	136.49	124.68	400
Nitrate(mg/L)	10.41	0.62	50
Fluoride(mg/L)	0.90	0.84	1.5
Total Hardness(mg/L)	262.60	266.58	-
Total dissolved solids (mg/L)	340	316	1500
TSS(mg/L)	31	32	-
Copper(mg/L)	<0.03	<0.03	1.5
Iron(mg/L)	0.18	<0.1	50
Zinc(mg/L)	0.08	0.1	15
Lead(mg/L)	<0.005	<0.005	0.1
Cadmium(mg/L)	<0.001	<0.001	0.01
Total Chromium (mg/L)	<0.01	<0.01	-
Arsenic(mg/L)	<0.005	<0.005	0.2
Selenium(mg/L)	<0.005	<0.005	0.05
Chromium(as Cr <sup>6+</sup> )(mg/L)	<0.05	<0.05	0.05
Phenolics(mg/L)	<0.001	<0.001	0.005
Oil & Grease (mg/L)	<4.0	<4.0	0.1
MPN (Index/100 ml)	84	94	-
Residual Free Chlorine(mg/L)	<0.2	<0.2	0.2

*[Signature]*  
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## Surface Water Quality Data Jagannath Area

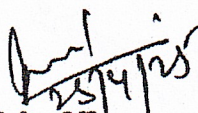
Project/OCP	Jagannath				IS:2296-1982 Tolerance for inland Surface water (Class C)
	Downstream of Bangaru Jhor nalla	Downstream of Brahmani River where Bangaru Water meets	Upstream of Brahmani River where Bangaru Water meets	Upstream of Bangaru Jhor river near Joragarhia as downstream of Bharatpur OCP (Upstream for Jagannath) (Reported)	
Date of sampling	12-Jun-25	12-Jun-25	12-Jun-25	13-Jun-25	
pH	7.12	7.27	7.74	7.64	6.5-8.5
Color (Hazen unit)	3	5	4	5	300
Dissolved Oxygen(mg/L)	6.6	6.3	6.8	6.1	4
BOD (3 days 27°C(mg/L)	<2	<2	<2	<2	3
Chlorides(mg/L)	50.62	33.10	27.26	21.42	600
Sulphate(mg/L)	175.32	188.31	127.27	131.56	400
Nitrate(mg/L)	9.96	4.32	0.51	1.21	50
Fluoride(mg/L)	0.90	0.96	0.74	0.87	1.5
Total Hardness(mg/L)	298.41	370.03	190.98	286.47	-
Total dissolved solids (mg/L)	532	597	350	340	1500
TSS(mg/L)	34	52	36	48	-
Copper(mg/L)	<0.03	<0.03	<0.03	<0.03	1.5
Iron(mg/L)	<0.1	<0.1	<0.1	<0.1	50
Zinc(mg/L)	0.08	0.08	0.06	<0.07	15
Lead(mg/L)	<0.005	<0.005	<0.005	<0.005	0.1
Cadmium(mg/L)	<0.001	<0.001	<0.001	<0.001	0.01
Total Chromium (mg/L)	<0.01	<0.01	<0.01	<0.01	-
Arsenic(mg/L)	<0.005	<0.005	<0.005	<0.005	0.2
Selenium(mg/L)	<0.005	<0.005	<0.005	<0.005	0.05
Chromium(as Cr <sup>6+</sup> )(mg/L)	<0.05	<0.05	<0.05	<0.05	0.05
Phenolics(mg/L)	<0.001	<0.001	<0.001	<0.001	0.005
Oil & Grease (mg/L)	<4.0	<4.0	<4.0	<4.0	0.1
MPN (Index/100 ml)	140	140	120	130	-
Residual Free Chlorine(mg/L)	<0.2	<0.2	<0.2	<0.2	0.2

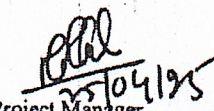
*Antoni*  
Authorized Signatory  
CMPDI, RI-VII, LAB  
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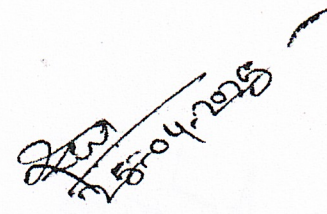
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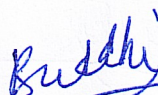
April- 2025  
Noise SURVEY

DATE	LOCATION OF MACHINE	Name of Instrument	Permission Limit	Present Status	Remarks
24.04.2025 To 25.04.2025	Dozer- 973	LUTRON	85 db ( A)	85.2	Ear Plug Provided
	Dozer- 972	LUTRON	85 db ( A)	85.3	Ear Plug Provided
	Dozer-039	LUTRON	85 db ( A)	85.1	Ear Plug Provided
	Dozer-11784	LUTRON	85 db ( A)	84.7	-
	Dozer-11856	LUTRON	85 db ( A)	84.9	-
	Excavator-1200M	LUTRON	85 db ( A)	84.9	-
	Excavator-1200New	LUTRON	85 db ( A)	85.1	Ear Plug Provided
	Excavator-1200Ananta	LUTRON	85 db ( A)	84.9	-
	Excavator-1200V	LUTRON	85 db ( A)	84.8	-
	Drill- J5	LUTRON	85 db ( A)	84.9	-
	Drill-962	LUTRON	85 db ( A)	85.1	Ear Plug Provided
	Drill-117	LUTRON	85 db ( A)	84.9	-
	Drill-118	LUTRON	85 db ( A)	84.8	-
	Dumper-1077	LUTRON	85 db ( A)	85.1	Ear Plug Provided
	Dumper-1073	LUTRON	85 db ( A)	84.9	-
	Dumper-942	LUTRON	85 db ( A)	85.2	Ear Plug Provided
	Dumper-943	LUTRON	85 db ( A)	84.9	-
	Dumper-963	LUTRON	85 db ( A)	84.9	-
	Dumper-969	LUTRON	85 db ( A)	84.9	-
	Dumper-936	LUTRON	85 db ( A)	85.3	Ear Plug Provided
	Dumper-956	LUTRON	85 db ( A)	85.1	Ear Plug Provided
	Dumper-951	LUTRON	85 db ( A)	85.1	Ear Plug Provided
	Dumper-954	LUTRON	85 db ( A)	85.1	Ear Plug Provided
	Dumper-952	LUTRON	85 db ( A)	84.9	-
	Dumper-967	LUTRON	85 db ( A)	85.1	Ear Plug Provided
	Dumper-670	LUTRON	85 db ( A)	84.9	-

  
Safety Officer  
Jagannath Colliery

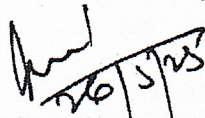
  
Project Manager  
Jagannath Colliery

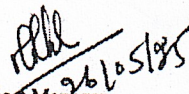
  
Sr OVERMAN  
Jagannath Colliery

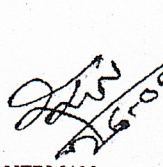


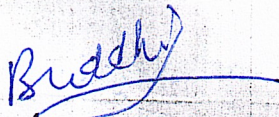
May- 2025  
Noise SURVEY

DATE	LOCATION OF MACHINE	Name of Instrument	Permission Limit	Present Status	Remarks
25.05.2025 To 26.05.2025	Dozer- 873	LUTRON	85 db ( A)	85.5	Ear Plug Provided
	Dozer- 972	LUTRON	85 db ( A)	85.6	Ear Plug Provided
	Dozer-039	LUTRON	85 db ( A)	84.9	-
	Dozer-11784	LUTRON	85 db ( A)	85.2	Ear Plug Provided
	Dozer-11856	LUTRON	85 db ( A)	84.6	-
	Excavator-1200M	LUTRON	85 db ( A)	85.1	Ear Plug Provided
	Excavator-1200New	LUTRON	85 db ( A)	84.9	-
	Excavator-1200Ananta	LUTRON	85 db ( A)	85.3	Ear Plug Provided
	Excavator-1200V	LUTRON	85 db ( A)	85.4	Ear Plug Provided
	Drill- J5	LUTRON	85 db ( A)	85.5	Ear Plug Provided
	Drill-962	LUTRON	85 db ( A)	84.9	-
	Drill-117	LUTRON	85 db ( A)	84.6	-
	Drill-118	LUTRON	85 db ( A)	85.1	Ear Plug Provided
	Dumper-1077	LUTRON	85 db ( A)	84.9	-
	Dumper-1073	LUTRON	85 db ( A)	85.2	Ear Plug Provided
	Dumper-942	LUTRON	85 db ( A)	85.4	Ear Plug Provided
	Dumper-943	LUTRON	85 db ( A)	85.2	Ear Plug Provided
	Dumper-963	LUTRON	85 db ( A)	85.4	-
	Dumper-969	LUTRON	85 db ( A)	84.6	-
	Dumper-936	LUTRON	85 db ( A)	85.6	Ear Plug Provided
	Dumper-956	LUTRON	85 db ( A)	85.3	Ear Plug Provided
	Dumper-951	LUTRON	85 db ( A)	84.9	-
	Dumper-954	LUTRON	85 db ( A)	85.6	Ear Plug Provided
	Dumper-952	LUTRON	85 db ( A)	84.4	-
	Dumper-967	LUTRON	85 db ( A)	85.4	Ear Plug Provided
	Dumper-670	LUTRON	85 db ( A)	85.1	Ear Plug Provided

  
Safety Officer  
Jagannath Colliery


  
Project Manager  
Jagannath Colliery

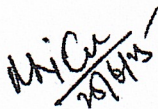
  
Sr OVERMAN  
Jagannath Colliery

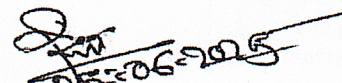


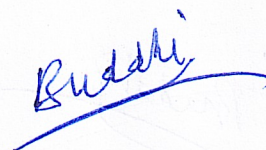
JUNE- 2025  
Noise SURVEY

DATE	LOCATION OF MACHINE	Name of Instrument	Permission Limit	Present Status	Remarks
24.06.2025 To 25.06.2025	Dozer- 873	LUTRON	85 db ( A )	85.1	Ear Plug Provided
	Dozer- 972	LUTRON	85 db ( A )	85.9	Ear Plug Provided
	Dozer-039	LUTRON	85 db ( A )	85.1	Ear Plug Provided
	Dozer-11784	LUTRON	85 db ( A )	84.9	-
	Dozer-11856	LUTRON	85 db ( A )	85.2	Ear Plug Provided
	Excavator-1200M	LUTRON	85 db ( A )	85.8	Ear Plug Provided
	Excavator-1200New	LUTRON	85 db ( A )	85.2	Ear Plug Provided
	Excavator-1200Ananta	LUTRON	85 db ( A )	85.6	Ear Plug Provided
	Excavator-1200V	LUTRON	85 db ( A )	85.1	Ear Plug Provided
	Drill- J5	LUTRON	85 db ( A )	85.8	Ear Plug Provided
	Drill-962	LUTRON	85 db ( A )	84.6	-
	Drill-117	LUTRON	85 db ( A )	84.2	-
	Drill-118	LUTRON	85 db ( A )	84.9	-
	Dumper-1077	LUTRON	85 db ( A )	85.1	Ear Plug Provided
	Dumper-1073	LUTRON	85 db ( A )	85.6	Ear Plug Provided
	Dumper-942	LUTRON	85 db ( A )	85.1	Ear Plug Provided
	Dumper-943	LUTRON	85 db ( A )	85.8	Ear Plug Provided
	Dumper-963	LUTRON	85 db ( A )	85.1	Ear Plug Provided
	Dumper-969	LUTRON	85 db ( A )	84.3	-
	Dumper-936	LUTRON	85 db ( A )	85.3	Ear Plug Provided
	Dumper-956	LUTRON	85 db ( A )	85.1	Ear Plug Provided
	Dumper-951	LUTRON	85 db ( A )	85.1	Ear Plug Provided
	Dumper-954	LUTRON	85 db ( A )	85.3	Ear Plug Provided
	Dumper-952	LUTRON	85 db ( A )	84.8	-
	Dumper-967	LUTRON	85 db ( A )	85.1	Ear Plug Provided
	Dumper-670	LUTRON	85 db ( A )	85.6	Ear Plug Provided

  
Safety Officer  
Jagannath Colliery


  
Project Manager  
Jagannath Colliery

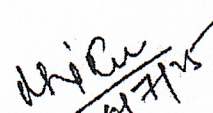
  
Sr OVERMAN  
Jagannath Colliery

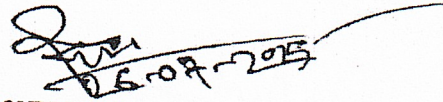
  
Buddhi

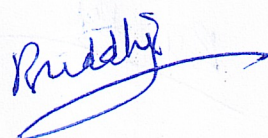
July- 2025  
Noise SURVEY

DATE	LOCATION OF MACHINE	Name of Instrument	Permission Limit	Present Status	Remarks
25.07.2025 To 26.07.2025	Dozer- 914	LUTRON	85 db ( A)	84.9	-
	Dozer- 972	LUTRON	85 db ( A)	85.2	Ear Plug Provided
	Dozer-039	LUTRON	85 db ( A)	85.4	Ear Plug Provided
	Dozer-204	LUTRON	85 db ( A)	85.1	Ear Plug Provided
	Dozer-122	LUTRON	85 db ( A)	84.8	-
	Excavator-1200M	LUTRON	85 db ( A)	85.3	Ear Plug Provided
	Excavator-1200V (1)	LUTRON	85 db ( A)	85.4	Ear Plug Provided
	Excavator-1000D	LUTRON	85 db ( A)	85.2	Ear Plug Provided
	Excavator-1200V(2)	LUTRON	85 db ( A)	84.9	-
	Drill- J5	LUTRON	85 db ( A)	84.9	-
	Drill-J6	LUTRON	85 db ( A)	85.1	Ear Plug Provided
	Drill-J9	LUTRON	85 db ( A)	85.1	Ear Plug Provided
	Drill-117	LUTRON	85 db ( A)	84.8	-
	Drill-118	LUTRON	85 db ( A)	84.6	-
	Dumper-1077	LUTRON	85 db ( A)	84.9	-
	Dumper-1073	LUTRON	85 db ( A)	85.1	Ear Plug Provided
	Dumper-942	LUTRON	85 db ( A)	85.3	Ear Plug Provided
	Dumper-943	LUTRON	85 db ( A)	85.1	Ear Plug Provided
	Dumper-963	LUTRON	85 db ( A)	84.7	-
	Dumper-969	LUTRON	85 db ( A)	84.7	-
	Dumper-936	LUTRON	85 db ( A)	85.1	Ear Plug Provided
	Dumper-956	LUTRON	85 db ( A)	84.9	Ear Plug Provided
	Dumper-951	LUTRON	85 db ( A)	85.4	Ear Plug Provided
	Dumper-954	LUTRON	85 db ( A)	85.6	Ear Plug Provided
	Dumper-952	LUTRON	85 db ( A)	84.6	-
	Dumper-967	LUTRON	85 db ( A)	85.4	Ear Plug Provided
	Dumper-670	LUTRON	85 db ( A)	84.1	Ear Plug Provided

  
26/7/25  
Safety Officer  
Jagannath Colliery.

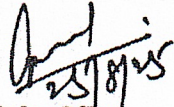
  
26/7/25  
Project Manager  
Jagannath Colliery

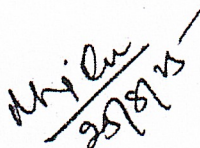
  
26-07-2025  
Sr OVERMAN  
Jagannath Colliery


  
Prudhvi

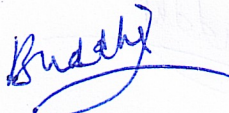
August- 2025  
Noise SURVEY

DATE	LOCATION OF MACHINE	Name of Instrument	Permission Limit	Present Status	Remarks
24.08.2025 To 25.08.2025	Dozer- 914	LUTRON	85 db ( A)	85.1	Ear Plug Provided
	Dozer- 972	LUTRON	85 db ( A)	85.5	Ear Plug Provided
	Dozer-039	LUTRON	85 db ( A)	84.9	-
	Dozer-204	LUTRON	85 db ( A)	85.6	Ear Plug Provided
	Dozer-122	LUTRON	85 db ( A)	85.1	Ear Plug Provided
	Excavator-1200M	LUTRON	85 db ( A)	85.5	Ear Plug Provided
	Excavator-1200V (1)	LUTRON	85 db ( A)	85.6	Ear Plug Provided
	Excavator-1000D	LUTRON	85 db ( A)	85.6	Ear Plug Provided
	Excavator-1200V(2)	LUTRON	85 db ( A)	85.1	Ear Plug Provided
	Drill- J5	LUTRON	85 db ( A)	85.2	Ear Plug Provided
	Drill-J9	LUTRON	85 db ( A)	84.9	-
	Drill-J6	LUTRON	85 db ( A)	84.6	-
	Drill-117	LUTRON	85 db ( A)	84.2	-
	Drill-118	LUTRON	85 db ( A)	84.9	-
	Dumper-1077	LUTRON	85 db ( A)	85.1	Ear Plug Provided
	Dumper-1073	LUTRON	85 db ( A)	85.6	Ear Plug Provided
	Dumper-942	LUTRON	85 db ( A)	85.1	Ear Plug Provided
	Dumper-943	LUTRON	85 db ( A)	85.6	Ear Plug Provided
	Dumper-963	LUTRON	85 db ( A)	85.1	Ear Plug Provided
	Dumper-969	LUTRON	85 db ( A)	84.3	-
	Dumper-936	LUTRON	85 db ( A)	85.3	Ear Plug Provided
	Dumper-951	LUTRON	85 db ( A)	85.1	Ear Plug Provided
	Dumper-954	LUTRON	85 db ( A)	85.1	Ear Plug Provided
	Dumper-952	LUTRON	85 db ( A)	85.3	Ear Plug Provided
	Dumper-967	LUTRON	85 db ( A)	85.1	Ear Plug Provided
	Dumper-670	LUTRON	85 db ( A)	85.4	Ear Plug Provided

  
25/8/25  
Safety Officer  
Jagannath Colliery

  
25/8/25  
Project Manager  
Jagannath Colliery

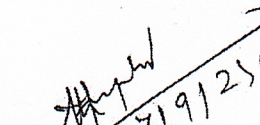
  
25-08-2025  
Sr OVERMAN  
Jagannath Colliery

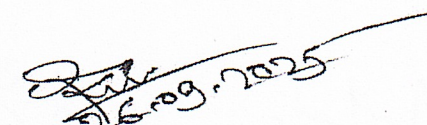
  
Buddy

September- 2025  
Noise SURVEY

DATE	LOCATION OF MACHINE	Name of Instrument	Permission Limit	Present Status	Remarks
25.09.2025 To 26.09.2025	Dozer- 914	LUTRON	85 db ( A )	85.5	Ear Plug Provided
	Dozer- 972	LUTRON	85 db ( A )	85.1	Ear Plug Provided
	Dozer-039	LUTRON	85 db ( A )	84.5	-
	Dozer-204	LUTRON	85 db ( A )	85.1	Ear Plug Provided
	Dozer-122	LUTRON	85 db ( A )	85.6	Ear Plug Provided
	Excavator-1200M	LUTRON	85 db ( A )	84.9	-
	Excavator-1200V (1)	LUTRON	85 db ( A )	85.6	Ear Plug Provided
	Excavator-1000D	LUTRON	85 db ( A )	85.2	Ear Plug Provided
	Excavator-1200V(2)	LUTRON	85 db ( A )	84.9	-
	Drill- J5	LUTRON	85 db ( A )	85.7	Ear Plug Provided
	Drill-J9	LUTRON	85 db ( A )	85.3	Ear Plug Provided
	Drill-J6	LUTRON	85 db ( A )	85.1	Ear Plug Provided
	Drill-117	LUTRON	85 db ( A )	84.9	-
	Drill-118	LUTRON	85 db ( A )	85.1	Ear Plug Provided
	Dumper-1077	LUTRON	85 db ( A )	84.9	-
	Dumper-1073	LUTRON	85 db ( A )	85.1	Ear Plug Provided
	Dumper-942	LUTRON	85 db ( A )	84.8	-
	Dumper-943	LUTRON	85 db ( A )	85.1	Ear Plug Provided
	Dumper-963	LUTRON	85 db ( A )	84.9	-
	Dumper-969	LUTRON	85 db ( A )	84.8	-
	Dumper-936	LUTRON	85 db ( A )	85.3	Ear Plug Provided
	Dumper-951	LUTRON	85 db ( A )	85.6	Ear Plug Provided
	Dumper-954	LUTRON	85 db ( A )	85.4	Ear Plug Provided
	Dumper-952	LUTRON	85 db ( A )	85.6	Ear Plug Provided
	Dumper-967	LUTRON	85 db ( A )	84.9	-
Dumper-670	LUTRON	85 db ( A )	85.1	Ear Plug Provided	

  
28/9/25  
Safety Officer  
Jagannath Colliery

  
27/9/25  
Project Manager  
Jagannath Colliery

  
26.09.2025  
Sr OVERMAN  
Jagannath Colliery

  
Buddy



सीएमपीडी आई  
Bhubaneswar  
cmfri  
AARU Bhubaneswar

**TABLE--**

**NOISE LEVEL MONITORING DATA**

AREA :

Jagannath

PROJECT :

Jagannath OCP

DATE OF SAMPLING	STATION	Noise Level Measurement in Leq dB(A)	
		DAY	NIGHT
03-Apr-25	Near NBVL Station	65.9	54.6
03-Apr-25	Near MDTP	63.6	54.8
03-Apr-25	CWS Colony, MEETI	48.6	39.8
03-Apr-25	Central Nursery (Reported only)	62.3	51.9
17-Apr-25	Near NBVL Station	65.4	53.8
17-Apr-25	Near MDTP	62.9	53.7
17-Apr-25	CWS Colony, MEETI	48.1	38.9
17-Apr-25	Central Nursery (Reported only)	63.1	52.7

MoEF Standard Notification dated 25th September, 2000	6.00 AM -10.00 PM Leq 75dB(A) (Industrial)	10.00 PM -6.00 AM Leq 70dB(A) (Industrial)
MoEF Standard Notification dated 25th September, 2000	6.00 AM -10.00 PM Leq 55dB(A) (Residential)	10.00 PM -6.00 AM Leq 45dB(A) (Residential)
MoEF Standard Notification dated 25th September, 2000	6.00 AM -10.00 PM Leq 65dB(A) (Commercial)	10.00 PM -6.00 AM Leq 55dB(A) (Commercial)
MoEF Standard Notification dated 25th September, 2000	6.00 AM -10.00 PM Leq 50dB(A) (Silence Zone)	10.00 PM -6.00 AM Leq 40dB(A) (Silence Zone)

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Authorised Signatory  
CMFRI, RI-VII, LAB  
BHUBANESWAR



सीएमपीडी आई  
**cmpdi**  
 एम्प्लॉयर्स एशोसिएशन

**TABLE--**

**NOISE LEVEL MONITORING DATA**

**AREA :**

**Jagannath**

**PROJECT :**

**Balanda OCP**

DATE OF SAMPLING	STATION	Noise Level Measurement in Leq dB(A)	
		DAY	NIGHT
03-Apr-25	Near NBVL Station (Reported only)	66.71	54.6
17-Apr-25	Near NBVL Station (Reported only)	65.4	53.8

MoEF Standard Notification dated 25th September, 2000	6.00 AM -10.00 PM Leq 75dB(A) (Industrial)	10.00 PM -6.00 AM Leq 70dB(A) (Industrial)
MoEF Standard Notification dated 25th September, 2000	6.00 AM -10.00 PM Leq 55dB(A) (Residential)	10.00 PM -6.00 AM Leq 45dB(A) (Residential)
MoEF Standard Notification dated 25th September, 2000	6.00 AM -10.00 PM Leq 65dB(A) (Commercial)	10.00 PM -6.00 AM Leq 55dB(A) (Commercial)
MoEF Standard Notification dated 25th September, 2000	6.00 AM -10.00 PM Leq 50dB(A) (Silence Zone)	10.00 PM -6.00 AM Leq 40dB(A) (Silence Zone)

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 Authorised Signatory  
 CMPDI, RI-VII, LAB  
 BHUBANESWAR



ଓଡ଼ିଶା ପରିଷଦ  
CMPDI  
More Odisha

TABLE--

**NOISE LEVEL MONITORING DATA**

AREA :

Jagannath

PROJECT :

Jagannath OCP

DATE OF SAMPLING	STATION	Noise Level Measurement in Leq dB(A)	
		DAY	NIGHT
13-May-25	Near NBVL Station	65.1	54.5
13-May-25	Near MDTP	65.5	53.1
13-May-25	CWS Colony, MEETI	49.6	40.6
13-May-25	Central Nursery (Reported only)	68.1	50.1
27-May-25	Near NBVL Station	65.4	51.3
27-May-25	Near MDTP	64.8	56.1
27-May-25	CWS Colony, MEETI	47.6	40.1
27-May-25	Central Nursery (Reported only)	59.6	51.7

MoEF Standard Notification dated 25th September, 2000	6.00 AM -10.00 PM Leq 75dB(A) (Industrial)	10.00 PM -6.00 AM Leq 70dB(A) (Industrial)
MoEF Standard Notification dated 25th September, 2000	6.00 AM -10.00 PM Leq 55dB(A) (Residential)	10.00 PM -6.00 AM Leq 45dB(A) (Residential)
MoEF Standard Notification dated 25th September, 2000	6.00 AM -10.00 PM Leq 65dB(A) (Commercial)	10.00 PM -6.00 AM Leq 55dB(A) (Commercial)
MoEF Standard Notification dated 25th September, 2000	6.00 AM -10.00 PM Leq 50dB(A) (Silence Zone)	10.00 PM -6.00 AM Leq 40dB(A) (Silence Zone)

*Jatlawar*  
Authorised Signatory  
CMPDI, RI-VII, LAB  
BHUBANESWAR

*Buddy*

*A. dt.*



सीएनपीडीआई  
वि.सं. ३३३  
cmpdi  
नवी दिल्ली

TABLE--

**NOISE LEVEL MONITORING DATA**

AREA :

Jagannath

PROJECT :

Balanda OCP

DATE OF SAMPLING	STATION	Noise Level Measurement in Leq dB(A)	
		DAY	NIGHT
13-May-25	Near NBVL Station (Reported only)	65.1	54.5
27-May-25	Near NBVL Station (Reported only)	65.4	51.3

MoEF Standard Notification dated 25th September, 2000	6.00 AM -10.00 PM Leq 75dB(A) (Industrial)	10.00 PM -6.00 AM Leq 70dB(A) (Industrial)
MoEF Standard Notification dated 25th September, 2000	6.00 AM -10.00 PM Leq 55dB(A) (Residential)	10.00 PM -6.00 AM Leq 45dB(A) (Residential)
MoEF Standard Notification dated 25th September, 2000	6.00 AM -10.00 PM Leq 65dB(A) (Commercial)	10.00 PM -6.00 AM Leq 55dB(A) (Commercial)
MoEF Standard Notification dated 25th September, 2000	6.00 AM -10.00 PM Leq 50dB(A) (Silence Zone)	10.00 PM -6.00 AM Leq 40dB(A) (Silence Zone)

Jagannath  
Authorised Signatory  
CMPDI, RI-VII, LAB  
BHUBANESWAR



सीएमपीडी आई  
cmpdi  
एन.ए.ए.ए.ए.

TABLE--

**NOISE LEVEL MONITORING DATA**

AREA :

Jagannath

PROJECT :

Jagannath OCP

DATE OF SAMPLING	STATION	Noise Level Measurement in Leq dB(A)	
		DAY	NIGHT
09-Jun-25	Near NBVL Station	67.3	56.2
09-Jun-25	Near MDTP	63.6	58.3
09-Jun-25	CWS Colony, MEETI	49.5	39.9
09-Jun-25	Central Nursery (Reported only)	63.2	45.6
23-Jun-25	Near NBVL Station	70.1	58.5
23-Jun-25	Near MDTP	66.3	60.4
23-Jun-25	CWS Colony, MEETI	51.9	35.6
23-Jun-25	Central Nursery (Reported only)	65.8	47.5

MoEF Standard Notification dated 25th September, 2000	6.00 AM -10.00 PM Leq 75dB(A) (Industrial)	10.00 PM -6.00 AM Leq 70dB(A) (Industrial)
MoEF Standard Notification dated 25th September, 2000	6.00 AM -10.00 PM Leq 55dB(A) (Residential)	10.00 PM -6.00 AM Leq 45dB(A) (Residential)
MoEF Standard Notification dated 25th September, 2000	6.00 AM -10.00 PM Leq 65dB(A) (Commercial)	10.00 PM -6.00 AM Leq 55dB(A) (Commercial)
MoEF Standard Notification dated 25th September, 2000	6.00 AM -10.00 PM Leq 50dB(A) (Silence Zone)	10.00 PM -6.00 AM Leq 40dB(A) (Silence Zone)

*Jatw*  
Authorized Signatory  
CMPDI, E- VII, LAB  
BHUBANESWAR

*Jatw*  
*Rudra*



सीएलपीडी  
CMPDI  
भारत सरकार

**TABLE--**

**NOISE LEVEL MONITORING DATA**

AREA :

Jagannath

PROJECT :

Balanda OCP

DATE OF SAMPLING	STATION	Noise Level Measurement in Leq dB(A)	
		DAY	NIGHT
09-Jun-25	Near NBVL Station (Reported only)	67.3	56.2
23-Jun-25	Near NBVL Station (Reported only)	70.1	58.5

MoEF Standard Notification dated 25th September, 2000	6.00 AM -10.00 PM Leq 75dB(A) (Industrial)	10.00 PM -6.00 AM Leq 70dB(A) (Industrial)
MoEF Standard Notification dated 25th September, 2000	6.00 AM -10.00 PM Leq 55dB(A) (Residential)	10.00 PM -6.00 AM Leq 45dB(A) (Residential)
MoEF Standard Notification dated 25th September, 2000	6.00 AM -10.00 PM Leq 65dB(A) (Commercial)	10.00 PM -6.00 AM Leq 55dB(A) (Commercial)
MoEF Standard Notification dated 25th September, 2000	6.00 AM -10.00 PM Leq 50dB(A) (Silence Zone)	10.00 PM -6.00 AM Leq 40dB(A) (Silence Zone)

*Jagannath*  
Authorized Signatory  
CMPDI, RI-VII, LAB  
BHUBANESWAR

*Janta*



सिंहप्रदीप  
संस्था  
संस्था  
cmpdi  
भुवनेश्वर

TABLE--

**NOISE LEVEL MONITORING DATA**

AREA :

Jagannath

PROJECT :

Jagannath OCP

DATE OF SAMPLING	STATION	Noise Level Measurement in Leq dB(A)	
		DAY	NIGHT
05-Aug-25	Near NBVL Station	62.7	55.1
05-Aug-25	Near MDTP	65.3	53.2
05-Aug-25	CWS Colony, MEETI	49.7	38.9
05-Aug-25	Central Nursery (Reported only)	60.9	50.7
21-Aug-25	Near NBVL Station	62.3	53.0
21-Aug-25	Near MDTP	64.1	53.7
21-Aug-25	CWS Colony, MEETI	46.5	39.1
21-Aug-25	Central Nursery (Reported only)	47.2	39.9

MoEF Standard Notification dated 25th September, 2000	6.00 AM -10.00 PM Leq 75dB(A) (Industrial)	10.00 PM -6.00 AM Leq 70dB(A) (Industrial)
MoEF Standard Notification dated 25th September, 2000	6.00 AM -10.00 PM Leq 55dB(A) (Residential)	10.00 PM -6.00 AM Leq 45dB(A) (Residential)
MoEF Standard Notification dated 25th September, 2000	6.00 AM -10.00 PM Leq 65dB(A) (Commercial)	10.00 PM -6.00 AM Leq 55dB(A) (Commercial)
MoEF Standard Notification dated 25th September, 2000	6.00 AM -10.00 PM Leq 50dB(A) (Silence Zone)	10.00 PM -6.00 AM Leq 40dB(A) (Silence Zone)

Authorised Signatory  
CMPDI, RI-VII, LAB  
BHUBANESWAR

Buddhi

Jagannath



सीएनपीडीआई  
नई दिल्ली  
cmpdi  
NEW DELHI

TABLE--

**NOISE LEVEL MONITORING DATA**

AREA :

Jagannath

PROJECT :

Balanda OCP

DATE OF SAMPLING	STATION	Noise Level Measurement in Leq dB(A)	
		DAY	NIGHT
05-Aug-25	Near NBVL Station (Reported only)	62.7	55.1
21-Aug-25	Near NBVL Station (Reported only)	62.3	53.0

MoEF Standard Notification dated 25th September, 2000	6.00 AM -10.00 PM Leq 75dB(A) (Industrial)	10.00 PM -6.00 AM Leq 70dB(A) (Industrial)
MoEF Standard Notification dated 25th September, 2000	6.00 AM -10.00 PM Leq 55dB(A) (Residential)	10.00 PM -6.00 AM Leq 45dB(A) (Residential)
MoEF Standard Notification dated 25th September, 2000	6.00 AM -10.00 PM Leq 65dB(A) (Commercial)	10.00 PM -6.00 AM Leq 55dB(A) (Commercial)
MoEF Standard Notification dated 25th September, 2000	6.00 AM -10.00 PM Leq 50dB(A) (Silence Zone)	10.00 PM -6.00 AM Leq 40dB(A) (Silence Zone)

*Jagannath*  
Authorised Signatory  
CMPDI, RI-VII, LAG  
SHUBANESWAR

*Jagannath*

REF NO: MCL/INC/Safety/Illumination/2025/ 105

DATE 30.4.25

ILLUMINATION SURVEY ON DT:- 28/4/25 & 29/4/25 OF JAGANNATH COLLIERY, JAGANNATH AREA/MCL

INSPECTION TEAM

- (1) SAFETY OFFICER:- Sri Srinivash Singh Mgr (Mip)
- (2) ELECTRICAL OFFICER:- Sri ~~Srinivash Singh~~ *Srinivash Singh* MST (EEM)
- (3) ELECTRICAL SUPERVISOR:- Sri Sri Lash Khuntia T M I/C (E&M)
- (4) SUPERVISOR:- Sri Rajesh Kumar Yadav Sr O/M Safety Deptt

SL NO	LOCATION	STANDARD AS PER DGMS CIRCULAR		ACTUAL				ACTION TAKEN	STATUS PROCUREMENT ACTION (if any)	REMARKS
		H	V	CURRENT READING		PREVIOUS READING				
				H	V	H	V			
	EXCV 1200 A	15	25	15.5	23.4	15.2	23.6			
	EXCV-534	15	25					NA		
	EXCV 1200M	15	25	15.6	23.1	15.3	24.1			
	EXCV 1200V	15	25	15.8	24.6	15.6	24.2			
1	EXCV 1000 D FRONT	15	25	15.4	24.2	15.5	24.1			
	OPERATORS CABIN EXCV 1200 A	50		51.4		51.3				
	OPERATORS CABIN EXCV 534	50						NA		
	OPERATORS CABIN EXCV 1200 M	50		50.1		50.5				
	OPERATORS CABIN EXCV 1200 V	50		49.1		49.3				
	OPERATORS CABIN EXCV 1000 D FRONT	50		50.8		50.2				
2	AREA OF DRILLING RIG WORKS		25		23.4		23.1			
3	AT DRILL HOLES	15		14.1		14.8				
4	OB DUMP DEPARTMENT	15	15	14.3	14.1	14.6	14.2			
5	COAL FACE	15	25	10.5	17.1	10.6	17.4			
6	HAUL ROADS FOR TRIPPERS (COAL)	10		9.8		9.4				
7	LIGHTING ALONG COAL TRANSPORT ROAD	10		8.6		8.4				
8	IN MOTION WB (M3) AREA	15	25	14.6	19.4	14.5	19.5			
9	IN MOTION WB (J5) AREA	15	25	14.2	21.4	14.1	21.5			
10	WORK PLACE OF SURFACE MINER	15	25	12.5	18.1	12.3	18.4			
11	PERMANENT PATHS FOR USE OF PERSON	10		8.6		8.7				
12	PUMPING STATION CENTRAL PUMP	40		44.2		44.1				
17	PUMPING STATION WEST SUMP NTPC	40		NA		NA				
	PUMPING STATION WEST COAL FACE SUMP	40		44.3		44.2				
13	REST SHELTER (MINES TIME OFFICE)	30		32.4		32.1				
14	FIRST AID STATION (MINES)	30		32.4		32.5				
15	SUB STATION (MAIN)	100	50	101.3	51.2	101.1	51.2			
	SUB STATION (MINE)	100	50	101.5	50.1	101.4	50.2			
16 OUT SOUR CING	HAUL ROADS FOR OB REMOVAL O/S KRISHNA	10		8.7		8.4				
	HAUL ROADS FOR OB REMOVAL O/S SRG	10		8.03		8.5				
	OB DUMP YARD KRISHNA	15	15	13.4	15.1	13.5	14.8			
	OB DUMP YARD SRG	15	15	12.5	13.1	12.4	13.5			
	WORKING FACE KRISHNA	15	25	12.3	15.4	12.1	15.3			
	WORKING FACE SRG	15	25	10.1	15.1	10.6	15.2			
	WORKING FACE 3	15	25	11.5	15.1	11.3	15.4			
	WORKING FACE 4	15	25	10.5	13.4	11.5	13.5			
	FC FIRST AID STATION	50		51.3		52.1				
	FC SUB STATION	100	50	101.2	50.6	101.3	51.3			
	FC WORKSHOP	100	50	NA	NA	NA	NA			
	FC REST SHELTER	30		33.2		33.1				

*Buddhi*

	FC COAL STOCK YARD	15	15	15.2	15.1	15.4	15.4		
	FC HAND PICKING POINTS	50		50.1		49.2			
	FC OPERATION CABIN 1	50		48.1		48.4			
	FC OPERATION CABIN 2	50		50.1		50.4			
	FC OPERATION CABIN 3	50		49.2		49.8			
17	FC OPERATION CABIN 4	50		50.9		50.1			
FC	FC DRIVE HEAD OF CONVEYOR 1	40		35.1		35.9			
	FC DRIVE HEAD OF CONVEYOR 2	40		34.2		34.1			
	FC DRIVE HEAD OF CONVEYOR 3	40		39.2		39.1			
	FC DRIVE HEAD OF CONVEYOR 4	40		43.6		40.1			
	FC PLACE OF CRUSHING 1	40		39.2		38.5			
	FC PLACE OF CRUSHING 2	40		38.4		38.2			
	FC PLACE OF CRUSHING 3	40		38.1		38.7			
	FC PLACE OF CRUSHING 4	40		40.1		40.2			
	FC ALONG CONVEYOR 1	20		15.8		15.2			
	FC ALONG CONVEYOR 2	20		15.4		15.7			
	FC ALONG CONVEYOR 3	20		15.1		15.4			
	FC ALONG CONVEYOR 4	20		15.2		14.3			
	FC TAIL END OF CONVEYOR 1	40		34.1		34.8			
	FC TAIL END OF CONVEYOR 2	40		36.5		36.1			
	FC TAIL END OF CONVEYOR 3	40		35.1		37.1			
18	FC TAIL END OF CONVEYOR 4	40		39.8		40.1			
	WORKSHOP 50 TON DUMPER	100	50	100.8	49.1	100.9	50.1		
	WORKSHOP DOZER	100	50	100.4	50.1	100.1	50.3		
	WORKSHOP AUX	100	50	100.5	50.2	100.1	50.1		
	PARKING YARD DUMPER	50		51.4		51.6			
	PARKING YARD DRILL	50		51.1		51.8			

*JNC*  
 Electrical Supervisor  
 Jagannath Colliery

*SR Overman*  
 29/04/2015  
 SR OVERMAN  
 Jagannath Colliery

*[Signature]*  
 Electrical Safety  
 Officer  
 Jagannath Colliery

*[Signature]*  
 20/4/15  
 Safety Officer  
 Jagannath Colliery

*[Signature]*  
 20/4/15  
 Project Manager  
 Jagannath Colliery

Distribution:-

- 1 The GM (S&R), MCL
- 2 The Project Officer, Jagannath Colliery
- 3 The Safety Officer, Jagannath Colliery
- 4 The Project Engineer (E&M) JNC with the request to make necessary improvement in illumination
- 5 File

REF NO:-MCL/JNC/Safety/Illumination/2025/

DATE

ILLUMINATION SURVEY ON DT:- 30/5/25 &amp; 31/5/25 OF JAGANNATH COLLIERY, JAGANNATH AREA/MCL

INSPECTION TEAM

- (1) SAFETY OFFICER:-..... Sri Srinivash Singh Mgr (Min)  
 (2) ELECTRICAL OFFICER:-..... Sri Jagannath Sathapty Mgr (E&M)  
 (3) ELECTRICAL SUPERVISOR:-..... Sri Srinibash Khuntia F.M I/C (E&M)  
 (4) SR. OVER MAN:-..... Sri Rajesh Kumar Yadav Sr. O/M Safety Deptt

SL NO	LOCATION	STANDARD AS PER		ACTUAL				ACTION TAKEN	STATUS PROCUREMENT ACTION(if any)	REMARKS
		DGMS CIRCULAR		CURRENT READING		PREVIOUS READING				
		H	V	H	V	H	V			
	EXCV 1200 A	15	25	15.1	23.5	15.5	23.4			
	EXCV-534	15	25					NA		
	EXCV 1200M	15	25	15.8	23.2	15.6	23.1			
	EXCV 1200V	15	25	15.6	24.6	15.8	24.6			
	EXCV 1000 D FRONT	15	25	15.2	24.1	15.4	24.2			
	OPERATORS CABIN EXCV 1200 A	50		51.3		51.4				
	OPERATORS CABIN EXCV 534	50						NA		
	OPERATORS CABIN EXCV 1200 M	50		49.9		50.1				
	OPERATORS CABIN EXCV 1200 V	50		50.1		49.1				
	OPERATORS CABIN EXCV 1000 D FRONT	50		50.9		50.8				
2	AREA OF DRILLING RIG WORKS		25		23.5		23.4			
3	AT DRILL HOLES	15		14.4		14.1				
4	OB DUMP DEPARTMENT	15	15	14.8	14.2	14.3	14.1			
5	COAL FACE	15	25	10.1	17.5	10.5	17.1			
6	HAUL ROADS FOR TRIPPERS(COAL)	10		10		9.8				
7	LIGHTING ALONG COAL TRANSPORT ROAD	10		8.5		8.6				
8	IN MOTION WB (M3) AREA	15	25	14.3	19.3	14.6	19.4			
9	IN MOTION WB (J5) AREA	15	25	14.1	21.5	14.2	21.4			
10	WORK PLAC OF SURFACE MINER	15	25	12.6	15.3	12.5	18.1			
11	PERMANENT PATHS FOR USE OF PERSON	10		8.7		8.6				
	PUMPING STATION CENTRAL PUMP	40		44.3		44.2				
12	PUMPING STATION WEST SUMP NTPC	40		NA		NA				
	PUMPING STATION WEST COAL FACE SUMP	40		44.1		44.3				
13	FEST SHELTER (MINES TIME OFFICE)	30		32.1		32.4				
14	FIRST AID STATION (MINES)	30		32.5		32.4				
15	SUB STATION (MAIN)	100	50	101.4	51.4	101.3	51.2			
	SUB STATION (MINE)	100	50	101.9	50.4	101.5	50.1			
	HAUL ROADS FOR OB REMOVAL O/S KRISHNA	10		8.2		8.7				
	HAUL ROADS FOR OB REMOVAL O/S SRG	10		8.1		8.3				
	OB DUMP YARD KRISHNA	15	15	13.1	15.3	13.4	15.1			
	OB DUMP YARD SRG	15	15	13.1	13.1	12.5	13.1			
	WORKING FACE KRISHNA	15	25	13.1	15.4	12.3	15.4			
	WORKING FACE SRG	15	25	11.1	15.3	10.1	15.1			
	WORKING FACE 3	15	25	10.5	15.2	11.5	15.1			
	WORKING FACE 4	15	25	10.4	13.1	10.5	13.4			
	FC FIRST AID STATION	50		51.6		51.3				
	FC SUB STATION	100	50	101.3	50.7	101.2	50.6			
	FC WORKSHOP	100	50	NA	NA	NA	NA			

Buddhi

	FC REST SHELTER								
	FC COAL STOCK YARD	30		33.5		33.2			
	FC HAND PICKING POINTS	15	15	15.1	15.2	15.2	15.1		
	FC OPERATION CABIN 1	50		45.3		45.1			
	FC OPERATION CABIN 2	50		48.3		48.1			
	FC OPERATION CABIN 3	50		50.5		50.1			
	FC OPERATION CABIN 4	50		49.1		49.2			
17	FC	50		50.4		50.9			
	FC DRIVE HEAD OF CONVEYOR 1	40		35.2		35.1			
	FC DRIVE HEAD OF CONVEYOR 2	40		34.1		34.2			
	FC DRIVE HEAD OF CONVEYOR 3	40		39.2		39.2			
	FC DRIVE HEAD OF CONVEYOR 4	40		40.6		40.8			
	FC PLACE OF CRUSHING 1	40		38.1		38.2			
	FC PLACE OF CRUSHING 2	40		38.1		38.4			
	FC PLACE OF CRUSHING 3	40		38.4		38.1			
	FC PLACE OF CRUSHING 4	40		40.1		40.1			
	FC ALONG CONVEYOR 1	20		15.1		15.8			
	FC ALONG CONVEYOR 2	20		15.2		15.4			
	FC ALONG CONVEYOR 3	20		15.1		15.1			
	FC ALONG CONVEYOR 4	20		15.4		15.2			
	FC TAIL END OF CONVEYOR 1	40		34.1		34.1			
	FC TAIL END OF CONVEYOR 2	40		36.2		36.5			
	FC TAIL END OF CONVEYOR 3	40		36.4		36.1			
3	FC TAIL END OF CONVEYOR 4	40		39.1		39.8			
	WORKSHOP 50 TON DUMPER	100	50	100.6	49.5	100.8	49.1		
	WORKSHOP DRIVER	100	50	100.2	50.1	100.4	50.2		
	WORKSHOP AUX	100	50	100.2	50.1	100.5	50.2		
	PARKING YARD DUMPER	50		51.3		51.4			
	PARKING YARD DRILL	50		51.4		51.1			

*M.S.*  
Electrical Supervisor  
11/6/25  
Jagannath Colliery

*S.R.*  
01/06/25  
SR OVERMAN  
Jagannath Colliery

*Narain*  
Electrical Safety Officer  
01/06/25  
Jagannath Colliery

*S.O.*  
01/06/25  
Safety Officer  
Jagannath Colliery

*P.M.*  
01/06/25  
Project Manager  
Jagannath Colliery

Distribution:-

- 1 The GM (S&R), MCL
- 2 The Project Officer, Jagannath Colliery
- 3 The Safety Officer, Jagannath Colliery
- 4 The Project Engineer (E&M) JNC with the request to make necessary improvement in illumination
- 5 File

REF NO: MCL/JNC/Safety/Illumination/2025/169

DATE 01.07.2025

ILLUMINATION SURVEY ON DT: 30/06/25 &amp; 01/07/25 OF JAGANNATH COLLIERY, JAGANNATH AREA/MCL

## INSPECTION TEAM

- (1) SAFETY OFFICER: Sri Srinivash Singh Mgr (Min)  
 (2) ELECTRICAL OFFICER: Sri Narasimha Mgr (E&M)  
 (3) ELECTRICAL SUPERVISOR: Sri Srinibash Khuntia F.M.I/C (E&M)  
 (4) SR OVER MAN: Sri Rajesh Kumar Yadav Sr O/M Safety Deptt

SL NO	LOCATION	STANDARD AS PER DGMS CIRCULAR		ACTUAL				ACTION TAKEN	STATUS PROCUREMENT ACTION (if any)	REMARKS
		H	V	CURRENT READING		PREVIOUS READING				
				H	V	H	V			
1	EXCV 1200 A	15	25	15.4	23.4	15.1	23.5			
	EXCV 534	15	25					NA		
	EXCV 1200M	15	25	15.3	23.1	15.8	23.2			
	EXCV 1200V	15	25	15.8	24.5	15.6	24.6			
	EXCV 1000 D FRONT	15	25	15.3	24.2	15.2	24.1			
	OPERATORS CABIN EXCV 1200 A	50		51.2		51.3				
	OPERATORS CABIN EXCV 534	50						NA		
	OPERATORS CABIN EXCV 1200 M	50		49.8		49.9				
	OPERATORS CABIN EXCV 1200 V	50		50		50.1				
	OPERATORS CABIN EXCV 1000 D FRONT	50		50		50.9				
2	AREA OF DRILLING RIG WORKS		25		23.1		23.5			
3	AT DRILL HOLES	15		14.6		14.4				
4	OB DUMP DEPARTMENT	15	15	14.5	14.1	14.8	14.2			
5	COAL FACE	15	25	10.3	17.3	10.1	17.5			
6	HAUL ROADS FOR TRIPPERS(COAL)	10		10.1		10				
7	LIGHTING ALONG COAL TRANSPORT ROAD	10		8.6		8.5				
8	IN MOTION WB (MSJ) AREA	15	25	14.4	19.4	14.3	19.3			
9	IN MOTION WB (IS) AREA	15	25	14.2	21.4	14.1	21.5			
10	WORK PLACE OF SURFACE MINER	15	25	12.7	15.2	12.6	15.3			
11	PERMANENT PATHS FOR USE OF PERSON	10		8.6		8.7				
12	PUMPING STATION CENTRAL PUMP	40		44.1		44.3				
	PUMPING STATION WEST SUMP NTPC	40		NA		NA				
	PUMPING STATION WEST COAL FACE SUMP	40		44.2		44.1				
13	REST SHELTER (MINES TIME OFFICE)	30		32.2		32.1				
14	FIRST AID STATION (MINES)	30		32.4		32.5				
15	SUB STATION (MAIN)	100	50	101.2	51.3	101.4	51.4			
	SUB STATION (MINE)	100	50	101.3	50.1	101.9	50.4			
15 OUT SOUR CING	HAUL ROADS FOR OB REMOVAL O/S KRISHNA	10		8.3		8.2				
	HAUL ROADS FOR OB REMOVAL O/S SRG	10		8.2		8.1				
	OB DUMP YARD KRISHNA	15	15	13.4	15.1	13.1	15.3			
	OB DUMP YARD SRG	15	15	13.2	13.4	13.1	13.1			
	WORKING FACE KRISHNA	15	25	13.2	15.1	13.1	15.4			
	WORKING FACE SRG	15	25	11.2	15.4	11.1	15.3			
	WORKING FACE 3	15	25	10.4	15.3	10.5	15.2			
	WORKING FACE 4	15	25	10.2	13.2	10.4	13.1			
FC FIRST AID STATION	50		51.4		51.6					
FC SUB STATION	100	50	101.4	50.4	101.3	50.7				
FC WORKSHOP	100	50	NA	NA	NA	NA				

Buddhi

	FC REST SHELTER								
	FC COAL STOCK YARD	30		31.4		31.5			
	FC HAND PICKING POINTS	15	15	15.2	15.5	15.1	15.2		
	FC OPERATION CABIN 1	50		44		45.4			
	FC OPERATION CABIN 2	50		48.2		48.1			
	FC OPERATION CABIN 3	50		50.2		50.5			
	FC OPERATION CABIN 4	50		49.2		49.1			
27	FC DRIVE HEAD OF CONVEYOR 1	50		50.1		50.4			
10	FC DRIVE HEAD OF CONVEYOR 2	40		35.1		35.2			
	FC DRIVE HEAD OF CONVEYOR 2	47		34.2		34.1			
	FC DRIVE HEAD OF CONVEYOR 3	40		39.2		39.1			
	FC DRIVE HEAD OF CONVEYOR 4	40		40.4		40.6			
	FC PLACE OF CRUSHING 1	40		38.2		38.1			
	FC PLACE OF CRUSHING 2	40		38.2		38.1			
	FC PLACE OF CRUSHING 3	40		38.1		38.4			
	FC PLACE OF CRUSHING 4	40		40.2		40.1			
	FC ALONG CONVEYOR 1	20		15.4		15.1			
	FC ALONG CONVEYOR 2	20		15.1		15.2			
	FC ALONG CONVEYOR 3	20		15.3		15.1			
	FC ALONG CONVEYOR 4	20		15.3		15.4			
	FC TAIL END OF CONVEYOR 1	40		34.2		34.1			
	FC TAIL END OF CONVEYOR 2	40		36.1		36.2			
	FC TAIL END OF CONVEYOR 3	40		36.2		36.4			
28	FC TAIL END OF CONVEYOR 4	40		39.2		39.1			
	WORKSHOP 50 TON DUMPER	50	50	100.8	49.1	100.6	49.3		
	WORKSHOP DOLER	50	50	100.3	50.6	100.1	50.1		
	WORKSHOP DOLER	100	50	100.5	50.1	100.2	50.1		
	PARKING YARD DUMPER	50		50.1		51.3			
	PARKING YARD DRILL	50		51.5		51.4			

*K. S. S.*  
1.7.25  
Electrical Supervisor  
Jagannath Colliery

*S. R. Overman*  
10/10/25  
SR OVERMAN  
Jagannath Colliery

*Narain Singh*  
1/7/25  
Electrical Safety  
Officer  
Jagannath Colliery

*S. K. Singh*  
01/07/25  
Safety Officer  
Jagannath Colliery

*A. K. Singh*  
01/07/25  
Project Manager  
Jagannath Colliery

Distribution:-

- 1 The GM (S&R), MCL
- 2 The Project Officer, Jagannath Colliery
- 3 The Safety Officer, Jagannath Colliery
- 4 The Project Engineer (E&M) JNC with the request to make necessary improvement in illumination

REF NO:-MCL/JNC/Safety/Illumination/2025/ 208

DATE 01-08-2025

ILLUMINATION SURVEY ON DT:- 30.7.2025 & 31.7.25 OF JAGANNATH COLLIERY, JAGANNATH AREA/MCL

INSPECTION TEAM

- (1) SAFETY OFFICER:- Sri Srinivash Singh Mgr (Min)
- (2) ELECTRICAL OFFICER:- Sri P Narasimlu Mgr (E&M)
- (3) ELECTRICAL SUPERVISOR:- Sri Srinibash Khuntia F.M.I/C (E&M)
- (4) SR. OVER MAN:- Sri Rajesh Kumar Yadav Sr. O/M Safety Deptt

SL NO	LOCATION	STANDARD AS PER DGMS CIRCULAR		ACTUAL				ACTION TAKEN	STATUS PROCUREMENT ACTION(if any)	REMARKS
		H	V	CURRENT READING		PREVIOUS READING				
				H	V	H	V			
1	EXCV 1200 A	15	25	15.4	23.1	15.6	23.4			
	EXCV-534	15	25					NA		
	EXCV 1200M	15	25	15.4	23.4	15.3	23.1			
	EXCV 1200V	15	25	15.9	24.3	15.8	24.5			
	EXCV 1000 D FRONT	15	25	15.6	24.2	15.3	24.2			
	OPERATORS CABIN EXCV 1200 A	50		51.2		51.2				
	OPERATORS CABIN EXCV 534	50						NA		
	OPERATORS CABIN EXCV 1200 M	50		49.8		49.8				
	OPERATORS CABIN EXCV 1200 V	50		50.1		50				
OPERATORS CABIN EXCV 1000 D FRONT	50		50.3		50					
2	AREA OF DRILLING RIG WORKS		25		23.4		23.1			
3	AT DRILL HOLES	15		14.8		14.6				
4	OB DUMP DEPARTMENT	15	15	14.5	14.2	14.5	14.1			
5	COAL FACE	15	25	10.8	17.5	10.3	17.3			
6	HAUL ROADS FOR TRIPPERS(COAL)	10		10.4		10.1				
7	LIGHTING ALONG COAL TRANSPORT ROAD	10		8.9		8.6				
8	IN MOTION WB (M3) AREA	15	25	14.4	19.2	14.4	19.4			
9	IN MOTION WB (J5) AREA	15	25	14.2	21.4	14.2	21.4			
10	WORKL PLACE OF SURFACE MINER	15	25	12.7	15.3	12.7	15.2			
11	PERMANENT PATHS FOR USE OF PERSON	10		8.6		8.6				
	PUMPING STATION CENTRAL PUMP	40		44.2		44.1				
	PUMPING STATION WEST SUMP NTPC	40		NA		NA				
	PUMPING STATION WEST COAL FACE SUMP	40		44.2		44.2				
13	REST SHELTER (MINES TIME OFFICE)	30		32.2		32.2				
14	FIRST AID STATION (MINES)	30		32.4		32.4				
15	SUB STATION (MAIN)	100	50	101.3	51.3	101.2	51.3			
	SUB STATION (MINE)	100	50	101.3	51.2	101.3	50.1			
16 OUT SOUR CING	HAUL ROADS FOR OB REMOVAL O/S KRISHNA	10		8.5		8.3				
	HAUL ROADS FOR OB REMOVAL O/S SRG	10		8.2		8.2				
	OB DUMP YARD KRISHNA	15	15	13.4	15.2	13.4	15.1			
	OB DUMP YARD SRG	15	15	13.2	13.4	13.2	13.4			
	WORKING FACE KRISHNA	15	25	13.5	15.3	13.2	15.1			
	WORKING FACE SRG	15	25	11.2	15.1	11.2	15.4			
	WORKING FACE 3	15	25	10.4	15.4	10.4	15.3			
	WORKING FACE 4	15	25	10.2	13.8	10.2	13.2			
FC FIRST AID STATION	50		51.4		51.4					
FC SUB STATION	100	50	101.4	50.4	101.4	50.4				
FC WORKSHOP	100	50	NA	NA	NA	NA				

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	FC REST SHELTER	30		33.5		33.4			
	FC COAL STOCK YARD	15	15	15.6	15.2	15.7	15.5		
	FC HAND PICKING POINTS	50		44.2		44.1			
	FC OPERATION CABIN 1	50		48.2		48.2			
	FC OPERATION CABIN 2	50		50.2		50.2			
	FC OPERATION CABIN 3	50		49.2		49.2			
17	FC OPERATION CABIN 4	50		50.7		50.3			
FC	FC DRIVE HEAD OF CONVEYOR 1	40		35.4		35.1			
	FC DRIVE HEAD OF CONVEYOR 2	40		34.2		34.2			
	FC DRIVE HEAD OF CONVEYOR 3	40		39.2		39.2			
	FC DRIVE HEAD OF CONVEYOR 4	40		40.3		40.6			
	FC PLACE OF CRUSHING 1	40		38.4		38.2			
	FC PLACE OF CRUSHING 2	40		38.2		38.2			
	FC PLACE OF CRUSHING 3	40		38.9		38.9			
	FC PLACE OF CRUSHING 4	40		40.2		40.2			
	FC ALONG CONVEYOR 1	20		15.1		15.4			
	FC ALONG CONVEYOR 2	20		15.1		15.1			
	FC ALONG CONVEYOR 3	20		15.3		15.3			
	FC ALONG CONVEYOR 4	20		15.3		15.3			
	FC TAIL END OF CONVEYOR 1	40		34.2		34.2			
	FC TAIL END OF CONVEYOR 2	40		36.1		36.1			
	FC TAIL END OF CONVEYOR 3	40		36.2		36.2			
18	FC TAIL END OF CONVEYOR 4	40		39.1		39.2			
	WORKSHOP 50 Te DUMPER	100	50	101.2	49.3	100.8	49.3		
	WORKSHOP DOZER	100	50	100.3	50.4	100.3	50.6		
	WORKSHOP AUX	100	50	100.5	50.2	100.5	50.3		
	PARKING YARD DUMPER	50		50.6		50.1			
	PARKING YARD DRILL	50		51.2		51.5			

*N.S.P.*  
 Electrical Supervisor  
 Jagannath Colliery

*Sr Overman*  
 01/8/25  
 SR OVERMAN  
 Jagannath Colliery

*Narasimhan*  
 1/8/25  
 Electrical Safety  
 Officer  
 Jagannath Colliery

*S/O*  
 01/8/25  
 Safety Officer  
 Jagannath Colliery

*Project Manager*  
 01/8/25  
 Project Manager  
 Jagannath Colliery

Distribution:-

- 1 The GM (S&R), MCL
- 2 The Project Officer, Jagannath Colliery
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- 4 The Project Engineer (E&M) JNC with the request to make necessary improvement in illumination
- 5 File

REF NO:-MCL/INC/Safety/Illumination/2025/ 238

ILLUMINATION SURVEY ON DT:- 22/8/25 & 28/8/25

DATE 28/8/25 OF JAGANNATH COLLIERY, JAGANNATH AREA/MCL

INSPECTION TEAM

- (1) SAFETY OFFICER:- Sri Srinivash Singh Mgr (Min)
- (2) ELECTRICAL OFFICER:- Sri P Narasimhlu Mgr (E&M)
- (3) ELECTRICAL SUPERVISOR:- Sri Srinibash Khuntia F M I/C (E&M)
- (4) SR. OVER MAN:- Sri Rajesh Kumar Yadav Sr. O/M Safety Deptt

SL NO	LOCATION	STANDARD AS PER DGMS CIRCULAR		ACTUAL				ACTION TAKEN	STATUS PROCUREMENT ACTION(if any)	REMARKS
		H	V	CURRENT READING		PREVIOUS READING				
				H	V	H	V			
1	EXCV 1200 A	15	25	15.5	23.5	15.4	23.1			
	EXCV-534	15	25							
	EXCV 1200M	15	25	15.2	23.1	15.4	23.4	NA		
	EXCV 1200V	15	25	15.6	24.3	15.9	24.3			
	EXCV 1000 D FRONT	15	25	15.9	24.5	15.6	24.2			
	OPERATORS CABIN EXCV 1200 A	50		51.3		51.2				
	OPERATORS CABIN EXCV 534	50						NA		
	OPERATORS CABIN EXCV 1200 M	50		49.7		49.8				
	OPERATORS CABIN EXCV 1200 V	50		50.2		50.1				
	OPERATORS CABIN EXCV 1000 D FRONT	50		50.4		50.3				
2	AREA OF DRILLING RIG WORKS		25		23.1		23.4			
3	AT DRILL HOLES	15		14.9		14.8				
4	OB DUMP DEPARTMENT	15	15	14.6	14.1	14.5	14.2			
5	COAL FACE	15	25	10.9	17.9	10.8	17.5			
6	HAUL ROADS FOR TRIPPERS(COAL)	10		10.5		10.4				
7	LIGHTING ALONG COAL TRANSPORT ROAD	10		8.8		8.9				
8	IN MOTION WB (M3) AREA	15	25	14.5	19.2	14.4	19.2			
9	IN MOTION WB (J5) AREA	15	25	14.1	21.5	14.2	21.4			
10	WORKL PLACE OF SURFACE MINER	15	25	12.8	15.2	12.7	15.3			
11	PERMANENT PATHS FOR USE OF PERSON	10		8.7		8.6				
12	PUMPING STATION CENTRAL PUMP	40		44.3		44.2				
	PUMPING STATION WEST SUMP NTPC	40		NA		NA				
	PUMPING STATION WEST COAL FACE SUMP	40		44.1		44.2				
13	REST SHELTER (MINES TIME OFFICE)	30		32.1		32.2				
14	FIRST AID STATION (MINES)	30		32.5		32.4				
15	SUB STATION (MAIN)	100	50	101.4	51.2	101.3	51.3			
	SUB STATION (MINE)	100	50	101.4	51.1	101.3	51.2			
16 OUT SOUR CING	HAUL ROADS FOR OB REMOVAL O/S KRISHNA	10		8.6		8.5				
	HAUL ROADS FOR OB REMOVAL O/S SRG	10		8.6		8.2				
	OB DUMP YARD KRISHNA	15	15	13.5	15.1	13.4	15.2			
	OB DUMP YARD SRG	15	15	13.1	13.1	13.2	13.4			
	WORKING FACE KRISHNA	15	25	13.4	15.2	13.5	15.3			
	WORKING FACE SRG	15	25	11.3	15.1	11.2	15.1			
	WORKING FACE 3	15	25	10.5	15.5	10.4	15.4			
	WORKING FACE 4	15	25	10.1	13.4	10.2	13.8			
FC	FIRST AID STATION	50		51.5		51.4				
	SUB STATION	100	50	101.5	50.2	101.4	50.4			
	WORKSHOP	100	50	NA	NA	NA	NA			

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100	50	101.4	51.2	101.3	51.3
NA	50.4	101.4	51.1	101.3	51.2

	FC REST SHELTER	30		31.6		33.5			
	FC COAL STOCK YARD	15	15	15.4	15.3	15.6	15.2		
	FC HAND PICKING POINTS	50		44.1		44.2			
	FC OPERATION CABIN 1	50		48.1		48.2			
	FC OPERATION CABIN 2	50		50.1		50.7			
	FC OPERATION CABIN 3	50		49.1		49.7			
17	FC OPERATION CABIN 4	50		50.6		50.7			
FC	FC DRIVE HEAD OF CONVEYOR 1	40		35.1		35.4			
	FC DRIVE HEAD OF CONVEYOR 2	40		34.1		34.2			
	FC DRIVE HEAD OF CONVEYOR 3	40		39.1		39.2			
	FC DRIVE HEAD OF CONVEYOR 4	40		40.1		40.3			
	FC PLACE OF CRUSHING 1	40		39.2		38.4			
	FC PLACE OF CRUSHING 2	40		38.1		38.2			
	FC PLACE OF CRUSHING 3	40		39		38.9			
	FC PLACE OF CRUSHING 4	40		40.1		40.2			
	FC ALONG CONVEYOR 1	20		15		15.1			
	FC ALONG CONVEYOR 2	20		15		15.1			
	FC ALONG CONVEYOR 3	20		15.1		15.3			
	FC ALONG CONVEYOR 4	20		15.1		15.3			
	FC TAIL END OF CONVEYOR 1	40		34.1		34.2			
	FC TAIL END OF CONVEYOR 2	40		36		36.1			
	FC TAIL END OF CONVEYOR 3	40		36.2		36.2			
18	FC TAIL END OF CONVEYOR 4	40		39		39.1			
	WORKSHOP 50 Tc DUMPER	100	50	101.2	49.1	101.2	49.3		
	WORKSHOP DOZER	100	50	100.1	50.1	100.3	50.4		
	WORKSHOP AUX	100	50	100.1	50.1	100.5	50.2		
	PARKING YARD DUMPER	50		50.3		50.6			
	PARKING YARD DRILL	50		51.1		51.2			

*[Signature]*  
 Electrical Supervisor  
 Jagannath Colliery

*[Signature]*  
 SR OVERMAN  
 Jagannath Colliery

*Narasimha*  
 Electrical Safety  
 Officer  
 Jagannath Colliery

*[Signature]*  
 Safety Officer  
 Jagannath Colliery

*[Signature]*  
 Project Manager  
 Jagannath Colliery

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