



भारत कोकिंग कोल लिमिटेड
(कोल इण्डिया लिमिटेड की एक अनुवर्ती कंपनी)
Bharat Coking Coal Limited
(A Subsidiary of Coal India Limited)
(एक विनीयन कंपनी / A Miniratna Company)
(भारत सरकार का उपक्रम / A Government of India Undertaking)

महाप्रबंधक का कार्यालय
पश्चिमी झरिया क्षेत्र
पो: मुनिडीह, जिला: धनबाद (झारखंड) - ८२८१२९
फोन नं: ०३२६-२२७३४४७; ई-मेल: gmwj.bocl@coalindia.in

Office of the General Manager
WESTERN JHARIA AREA

PO: MOONIDIH, DISTT: DHANBAD (JHARKHAND) - 828129
PH: 0326-2273445; E-Mail: gmwj.bocl@coalindia.in

"For uploading online on "parivesh portal" of MoEF&CC and sending by e-mail"

Ref:- BCCL/WJA/ENV/2025/ 471

Date:- 28/11/2025

To,
The Regional Director,
Ministry of Environment & Forest and Climate Change
Regional Office (ECZ), Bungalow No. A-2,
Shyamali Colony, Ranchi – 834002.

Sub: - Submission of six-monthly reports on compliance of Environment Clearance for the period from April 2025 to September 2025 with respect to Jharia CBM Block-I of M/s Bharat Coking Coal Limited.

Ref: EC Order No. – EC/SEIAA/2022-23/2842/2022, Dated -19/06/2023

Respected Sir,

Please find enclosed herewith the six-monthly reports on compliance of Environment Clearances for the period from April 2025 to September 2025 in respect of Jharia CBM Block-I of M/s Bharat Coking Coal Limited. We hope you will find in order.

Thanking you,
Encl: - As Above

Yours faithfully,

Addl. General Manager
W.J. Area
(Cluster-XI, BCCL)

EC Compliance Report - Exploration Activity in Jharia CBM Block-I of BHARAT COKING COAL LIMITED at Village: Dhandabar, Parsia, Karitand, Bardhubhi, Jatudih, Debagram, Tehsil: Dhanbad Located in Dhanbad District of Jharkhand State

Name of the Project: Jharia CBM Block-I

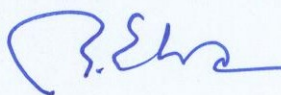
Environmental Clearance Letter : EC/SEIAA/2022-2023/2842/2022 Dated 19th June 2023 from SEIAA

Period of Compliance Report: Six monthly compliance report for the Jharia CBM Block-I for the period from April'2025 to September'2025.

SNo.	Conditions/ Guide lines	Status of Compliance
Specific Conditions		
1	This Environment Clearance is valid subject to the following condition below- That this project has- a) Obtained all legal rights to operate at concerned place. b) Complied with all existing concerned laws of the land. c) Complied with the decisions of SEIAA on the issue of Environmental Clearance till date.	a) Legal rights to operate is obtained from CO Putki (Dhanbad), CO Baghmara (Dhanbad), DFO Wild Life (Hazaribagh), DFO Forest Distance (Dhanbad) and CTE & CTO has been granted from the JSPCB. b) LOI/Lease document is under BCCL mining leasehold area under CBA Act 1957 and CMN Act 1972.
2	The excess water released during exploration can inundate sensitive arid ecosystems, worsen surface water quality and diminish underground water supplies. Effective management of the same has to be implemented.	Ground Water is being regularly monitored by NABL accredited laboratory to ensure that the produced water storage or disposal has no effect on it. (Reports attached)
3	Methane form explosive mixture in combination with air. Management plan for same has to be implemented so that the explosive mixture is not formed.	Shall be complied as Test well operation starts.
4	The proposal shall not attract the following Acts and Rules. a) Forest Act 1980 Wild life (Protection) Act, 1972 The Eco sensitive areas as notified under Environment (Protection) Act, 1986 d) Critically polluted areas as notified by CPCB and also shall not harm live stocks and human beings and disturb their activities.	Noted, Agreed with
5	The project proponent shall comply with the Bio-medical Waste Management Rules, 2016 and its amendments.	Not Applicable as there is no Hospital and Dispensary Under Jharia CBM Block-I
6	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 Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with six-monthly compliance report. (in case of the presence of schedule-I species in the study area)	Not Applicable
7	In the Writ petition (Civil) no. 202/1995, T.N. Godaverman Thirumulpad vs union of India and ors. The Hon'ble Supreme Court passed an order dated 03.06.2022 "National Park or Wildlife Sanctuary must have an ESZ of minimum 01 km in which the activities prescribed and prescribed in the guidelines of 09th February, 2011 shall be strictly adhered to".	Not Applicable
Air & Noise Environment:		
1	Adequate stack height shall be provided for D.G. Sets 3 x 1100 KVA and 1x450 KVA as per CPCB norms. The power requirement of the drilling rig (~3750 KW) will be met by using the Diesel Generator (DG) sets on-board. High Speed Diesel (HSD) will be used to run the drilling rig and the DG sets during operation.	Being Complied.
2	Strict measures shall be taken to control odour with appropriate odour abatement methods.	Shall be adhered.
3	The Proponent shall develop compensatory greenbelt in on shore which shall not be less than 33% of the total area of the site. Greenbelt with tall growing trees shall be developed.	Being Complied. Annexure-I (Photo Attached)
4	Fugitive emissions from storage tanks shall be avoided by providing air condensers.	Shall be done once testwell operation started.
5	The Proponent should provide appropriate PPE to the persons working in the unit and suitable to their work place environment.	Appropriate PPE's is provided by proponent as per the OISD 155 with suitable to their work place environment.
6	The proponent shall establish adequate number of air monitoring stations, including one online station in consultation with JSPCB and take appropriate measures to ensure that the GLC shall comply with the NAAQM norms notified by MoEF&CC. GoI on 16.11.2009.	It shall be complied at the earliest.
7	Measures shall be taken to comply with the provisions made under " Noise pollution (Regulation and control) Amendment Rules 2010 dated 11-01-2010 issued by MoEF.	Measures are taken as per Noise pollution Amendment Rules 2010 dated 11-01-2010 issued by MoEF.
8	The industry shall comply with MoEF&CC Guidelines for Disposal of Drilling Cuttings and Drilling Fluid for Offshore Installation notified as per GSR 546 (E) dated 30th August 2005.	• CBM drill cuttings do not carry any oil traces and they are non-hazardous. Infact, No hazardous chemical is used in drilling operation. • The drill cuttings are inert material and are being used for construction activities like back filling of low lying areas, construction of well pads, road filling etc. • The drilling fluid after solid-liquid separation is recycled or evaporated in HDPE lined pits.

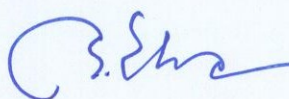
9	In case the commercial viability of the project is established, the company will prepare a detailed plan for development of oil and gas fields in the block and obtain fresh environment clearance for development and production.	As suggested, shall be adhered.
10	Adequate infrastructural facilities/ equipment arrangement should be provided so that booms, skimmers and chemical dispersants could be deployed immediately in case of oil spill from the installations/ drilling activities.	Shall be complied as Test well operation starts.
11	The company shall comply with all the environmental protection measures and risk mitigation measures relating to the project shall be implemented.	Shall be complied as Test well operation starts.
12	No pipelines or its part shall be laid in the forest land/protected Area without prior permission/approval from the competent Authority.	Jharia CBM Block-I is not fall in the forest land or any protected area.
13	As proposed by the project proponent zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged to any surface water body, sea and/or on land, Mobile ETP along with RO shall be installed to treat the waste water.	All the required system for proper handling of waste water and protecting the nearby other water sources have been taken in account and project activities shall be done accordingly
14	During production, storage and handling the fugitive emission of methane if any shall be monitored using Infra-red camera/appropriate technology.	Shall be followed.
15	The project proponent also to ensure trapping/storing of the CO ₂ generated, if any during the process and handling.	Insignificant amount of CO ₂ is generated from engine exhaust.
16	The project proponent shall make all arrangements for control of noise from the drilling activity. Acoustic enclosure shall be provided for the DG sets along with adequate stack height as per CPCB guidelines.	• All DG/GG sets have proper acoustic enclosures and meet the norms. • Height of all the stacks/vents is kept as per the CPCB guidelines.
17	Drill cuttings separated from drilling fluid shall be adequately washed and disposed in HDPE lined pit. Waste mud shall be tested for hazardous contaminants and disposed according to HWMH Rules, 2016. No effluent/drilling mud shall be discharge/disposed off into sea. The company shall comply with guidelines for disposal of solid waste: drill cutting and drilling fluids for onshore drilling operation notified vide GSR.546(E) dated 30th August 2005.	Shall be done as suggested. During exploratory drilling activities, drilling wastewater including drilling cutting wash was collected in HDPE lined disposal pit at site for evaporation and was complied with notified standards for onshore disposal. Water based drilling fluid used for exploratory drilling is non hazardous. Proponent disposes solid, water, drill cutting and drilling fluid as per notified guidelines (GSR.546(E) dated 30th August, 2005)
18	Oil spillage prevention and mitigation scheme shall be prepared. In case of oil spillage/contamination, action plan shall be prepared to clean the site by adopting proven technology. The recyclable waste (oily sludge) and spent oil shall be disposed of to the authorized recyclers.	Shall be complied as Test well operation starts.
19	The project proponents shall take necessary measures to prevent fire hazards, contain oil spill and soil remediation as needed. At fixed installations or plants use of ground flare shall be explored at the place of ground flaring the overhead flaring stack with knockout drums shall be installed to minimize gaseous emissions during operation.	• Fire fighting equipments are provided in Jharia CBM Block-I as per the provision of OISD-189 and OMR 2017. • Soil remediation is not required as there is no oil spillages associated with CBM gas extraction. • For now Flare is not present in current Operational Phase. There is no flaring of gas /ground flaring.
20	The project proponent shall develop a contingency plan for H ₂ S released including all necessary aspects from evacuation to resumption of normal operations. The workers shall be provided with personal H ₂ S detectors in locations of high risk of exposure along with self-containing breathing apparatus.	CBM gas is free from H ₂ S gas and there is absolutely no chance of H ₂ S emission while performing operations.
21	Blow out preventer system shall be installed to prevent well blowout during drilling operations.	Blow Out Preventer (BOP) is always installed while performing drilling operations to control kicks and to prevent Well Blow Out as per OMR-2017 and OISD-174.
22	On completion of the project necessary measure shall be taken for safe plugging of wells with secured enclosures to restore the drilling site to the original condition. The same shall be confirmed by the concerned regulatory authority from environment viable a full abandonment plan shall be implemented for the drilling site in accordance with the applicable DGH/Indian Petroleum Regulations	Shall be complied as Test well operation starts.
23	As per the ministry's OM dated 30.09.2020 superseding the OM dated 01.05.2018 regarding the corporate Environmental Responsibility and as per the action plan proposed by the project proponent to address the socio-economic and environmental issues in the study area, the project proponent as committed shall provide education funds in technical training centers/ support in nearby villages's schools support in health care facilities, drinking water supply and funds for miscellaneous activities like solar street lights, battery, solar panel etc. in the nearby villages. The action plan shall be completed within time as proposed.	• We shall adhere with the CSR guidelines • CSR activities was undertaken as per company rule.
24	No lead acid batteries shall be utilized in the project/site.	Lead acid batteries are not used in the project site.
25	Occupational health surveillance of the workers & employees shall be carried out as per the prevailing Acts and Rules. All workers & employees shall be provided with required safety kits/mask for personal protection.	• Occupational health surveillance of the workers in Jharia CBM Block- I is being carried out periodically as per prevailing Acts and Rules.
26	Oil content in the drill cuttings shall be monitored and report & shall send to the Ministry's Regional Office.	Shall be done as suggested and a reputed NABL laboratory has been hired (INSTITUTE FOR ENVIRONMENTAL MANAGEMENT) to carry out periodic monitoring of drilling cuttings.

27	The project proponent shall prepare operating manual in respect of all activities which would cover all safety environment related issues and measures to be taken for protection. One set of environment manual shall be made available at the drilling site/project site. Awareness shall be created at each level of the management. All the schedules and results of environment monitoring of the site should be done.	Being Complied.
Specific Conditions :- Waste Water Generation		
1	The total waste water generation is Drilling fluids, bilge water and sewage shall be treated and discharged to the marine outfall adjacent to the rig after meeting the discharge norms specified in the EPA Rules/ MARPOL. During normal course of operation the waste water will be recycled into process and incase of any eventuality.	Entire waste water during the operations shall be handled as per the norms and no such water shall be discharge in the other water resources.
2	The proponent shall provide on board STP with 50 KLD capacity for treatment of domestic waste water. The treated waste water shall be disposed as per MARPOL (residual chlorine 1 ppm)	At present there is no residential colony in Jharia CBM Block I.
Specific Conditions :- Hazardous/Solid Wastes		
1	Hazardous waste generation during the Rigs operations such as organic residue, waste oil, used oils etc. shall be disposed as per the Hazardous and other wastes (Management and Tran boundary movement) Rules, 2016 and its amendments thereof	Shall be Complied.
2	The general method of handling and disposal of solid wastes shall be as follows: • Drill cuttings shall be separated from the mud and shale shaker using a fine mesh and washed. Washed drill cuttings shall be discharged at the well locations as per stipulated norms. • General wastes, scrap metal and wood shall be segregated and brought back to the shore for appropriate disposal. • All plastics/ paper waste shall be collected and brought back to the shore for disposal to scrap dealers. • Hazardous wastes such as waste lube/ system oil from machinery used oil from generator set shall be properly stored in drums and transported to base for safe disposal through authorized recyclers. • Containers of oil and other materials shall be brought back and sold to JSPCB/CPCB authorized recyclers. • Unused mud and drill cuttings shall be discharged to sea after dilution as per GSR546(E) August 2005. • The proponent shall ensure that disposal of Drill Cuttings should not have oil content >10 gm/kg as per GSR 546 (E). • Non-biodegradable waste shall be transported to onshore base for safe disposal Biodegradable waste shall be transported to onshore and used for composting. • As per Annex V MARPOL. Food waste shall be minced into pieces of <25 mm size before disposing into the sea.	Shall be Complied when Test well started.
3	The proponent should strictly comply with E-waste Management Rules, 2016 and report compliance.	Shall be followed as suggested
Specific Conditions :- Environment		
1	The Project Proponent shall ensure that the transportation activity of the unit should not cause any inconvenience to the public and comply with local norms, if any:	Shall be followed as suggested



EC COMPLIANCES - Jharia CBM Block-I

SNo.	Conditions/ Guide lines	Status of Compliance
General Conditions		
1	The project proponent shall submit the copies of the Environment Clearance to the Heads of local bodies. Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turns has to display the same 30 days from the date of receipt.	Complied. A copy of the Environmental clearance (EC) has been circulated to the local administration.
2	The project authorities should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned within 7 days of the issue of the clearance letter informing that the project has been accorded environment clearance and a copy of the clearance letter is available with the State Pollution Control Board and SEIAA, Jharkhand.	Complied. (Paper cutting copy enclosed)
3	The Prior Environment Clearance issued to this project along with the approved Environment Management Plan (EMP) and the Approved DPR should be uploaded in the project's web site and be made available in the public domain.	Complied.
4	The PEC main contents be displayed on permanent boards at the main entry of the permits and at other prominent places.	Being Complied.
5	The project proponent shall strictly adhere to its Environment Policy approved by the SEIAA and shall be made available in the public domain.	Shall be Complied.
6	A separate bank account need to be started for the budget allocated for the EMP and the amount committed should be deposited before the project obtains CTE/CTO as the case may be the amount allocated should not be delivered for any other purpose.	Complied. (Separate bank account details attached)
7	The fund earmarked for environment protection measures should be kept in separate account and should not be delivered for the other purpose. Year wise expenditure should be reported to the ministry and its Regional Office located at Ranchi.	Complied.
8	The proponent before starting the operations shall obtain all other mandatory clearances from respective departments including the CTE and CTO from the JSPCB.	Complied.
9	The project proponent shall meticulously follow the Form 1/2 of the application and approved EMP for the purpose of all compliances .	Being Complied.
10	Four ambient air quality- monitoring stations should be established in the core zone as well as in the buffer zone. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with State Pollution Control Board.	JSPCB has been consulted for the finalization of the air monitoring station.
11	Occupational health check up program for the workers should be undertaken periodically. A separate environment management cell with suitable qualified personnel should be set up under the control of a senior Executive who will report directly to the Head of the Organization.	Occupational health surveillance of the workers in Jharia CBM Block- I is being carried out periodically as per prevailing Acts and Rules.
12	The project proponent shall submit Half-Yearly reports on the status of compliance of the stipulated Environment Clearance Conditions including results of mentioned data (both in hard copies as well as by e-mail) to the ministry of Environment & Forests its Regional Office Ranchi SEIAA Jharkhand Zonal Office of Central Pollution Control Board and Jharkhand State Pollution Control Board.	Six Monthly Compliances of Environmental clearance is being submitted to the ministry of Environment & Forests its Regional Office Ranchi SEIAA Jharkhand Zonal Office of Central Pollution Control Board and Jharkhand State Pollution Control Board.
13	The proponent shall upload the status of the compliance of the environmental clearance conditions including results of monitored data on their websites and shall update the same periodically.	Being Complied.
14	Officials from the Regional Office of MoEF&CC, Ranchi/ The SEIAA, Jharkhand through the Regional Offices of Jharkhand State Pollution Board who would be monitoring the implementation of environment safeguards should be given full co-operation facilities and documents/data by the project proponents during their inspection. A complete set of all the documents shall be submitted to the regional Office to MoEF&CC Ranchi.	Shall be Complied.
15	SEIAA reserves the right to cancel the EC issued at any time, if EC has been obtained by the proponent through suppression of any information or furnishing false information upon which the project is appraised.	Agreed All the required precautions for CBM Operations shall be taken care of moreover the entire furnished information are correct in its nature and shall be followed completely
16	Concealing the factual data in the compliance reports or failure to comply with any conditions mentioned above may result in withdrawal of the EC and attract action under the provisions of Environment (Protection) Act 1986.	All the efforts shall be made to comply the statutory guidelines on the subject.
17	The SEIAA reserves the right to alter/modify the above conditions or stipulate any further conditions from time to time in the interest of environment protection.	Agreed



18	Any appeal against this Environment Clearance 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.	Agreed
19	The Project authority must strictly adhere to the stipulations made by the Central Government as part of the international conventions and Merchant Shipping Act.	Mainly this point is not applicable to this industry, However any specific guidelines shall be adhered.
20	The project authorities must strictly comply with the rules and regulations under Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 as amended on 3rd October 1994. Prior approvals from OISD, PESO etc should be obtained wherever applicable.	Shall be Complied, once the related operational activities start
21	The project authorities must comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with Hazardous and Other Wastes (Management, Handling and Transboundary) Rules 2016 wherever applicable.	Shall be Complied, once the related test well operational activities start
22	A separate environment management cell to be set up carry out the environment management & monitoring functions.	•A separate Environment Management Cell has been set up to carry out the EMP and Monitoring functions. •A reputed NABL laboratory has been hired to carry out periodic monitoring of all environmental parameters.
23	The project authorities will provide adequate funds both recurring and non-recurring to implement the conditions stipulated by the SEIAA. State Government along with the implementation schedule for all the conditions stipulated herein.	Adequate funds are available from the planned annual budget and no funds shall be diverted for the other purpose.
24	The implementation of the project vis-a-vis environmental action plans will be monitored by Ministry's regional office. State Pollution Control Board and Central Pollution Control Board. A six-monthly compliance status report should be submitted to the monitoring agencies.	Being Complied.


 Project Head
 Jharia CBM Block-I
 Prabha Energy Limited

ANNEXURE - I





INSTITUTE FOR ENVIRONMENTAL MANAGEMENT

Corporate office - A-8, Modi Heights, Opp.-All India Radio Station, Ratu Road, Ranchi, Jharkhand - 834001

Laboratory Site - H.No. - A-13, Saket Vihar, Near Sohrai Bhawan, Harmu Housing Colony,

Ranchi-834002, Jharkhand, India

Ph - 8407804253, 8407804251, Email - iem2012@rediffmail.com



TC-16135

TEST REPORT

ULR No.:	T	C	1	6	1	3	5	2	5	0	0	0	0	0	9	8	9	
Discipline: Chemical					Group: Water					Sub-Group: Surface water.								
Report Issue Date: 19-09-2025										Test Report No.: RN- 241115001SW1								
Sample ID: 250916WA01001										Sample Description: Surface Water (Pond)								
Challan No./P.O. No.: N/A										Challan No./ P.No. Date: 15-11-2025								
Name and Contact Details of Customer: P & C Dept.																		
Email id.- pnc.ranchi@prabhaenergy.com																		
PRABHA ENERGY LTD.(PEL), Jharia CBM-Block-I																		
4th Floor, Rishab Complex Opposite Ashok Nagar Road No.4																		
Landmark Above Bank Of India, Ranchi, Jharkhand 834002																		
Information obtained from customer (if any): N/A																		
Type of Industry: Energy										Condition of Sample: Fit for Test								
Sampling Protocol: I.S 17614 (Part-1):2025										Sampling Date: 16-09-2025								
Protocol: CPCB Guideline & IS Method 3025 Series & APHA																		
Sampling Location: Near CPP Office																		
Field Meteorological Information																		
A. Temp. (°C): 26					R.H. (%): 62					W.C.: Partly Sunny					W.D.: NE to SW			
Location of performance of the Laboratory Activity: IEM Laboratory, Ranchi																		
Sample Receiving Date: 16-09-2025					Testing Started: 16-09-2025					Testing Ended: 19-09-2025								

----Test Result----

Sl. No.	Tested Parameters	Unit	Method No.	Norms**	Results
1.	pH value at 25°C	--	IS 3025 (Part-11)	6.5 - 8.5	7.5
2.	Conductivity	µs/cm	IS 3025 (Part - 14)	--	430
3.	Colour	Hazen	IS 3025 (Part-04)	--	5
4.	Biological Oxygen Demand (BOD)	mg/l	IS 3025 (Part-44)	3.0	4.7
5.	Chemical Oxygen Demand (COD)	mg/l	IS 3025 (Part-58)	--	40
6.	Total Dissolved Solids (TDS)	mg/l	IS 3025 (Part-16)	--	302
7.	Calcium (as Ca ⁺²)	mg/l	IS 3025 (Part-40)	--	40.9
8.	Total Suspended Solids (TSS)	mg/l	IS 3025 (Part-17)	--	28
9.	Sodium	mg/l	IS 3025 (Part-45)	--	15.9
10.	Chloride (as Cl ⁻)	mg/l	IS 3025 (Part-32)	--	35
11.	Sulphate (as SO ₄ ⁻²)	mg/l	IS 3025 (Part-24)	--	25.1
12.	Magnesium (as Mg)	mg/l	APHA 3500 Mg B. 2023	--	20.9
13.	Free Residual Chlorine	mg/l	IS 3025 (Part-26)	--	BDL(MDL-0.07)
14.	P Alkalinity	mg/l	IS 3025 (Part-23)	--	0
15.	M Alkalinity	mg/l	IS 3025 (Part-23)	--	156
16.	Temperature	°C	APHA 3111 B:2023	--	29.7
17.	Cadmium	mg/l	APHA: 3111B.2023	--	BDL(MDL-0.02)

Specific Contractual Notes: -

1. The laboratory accepts responsibility for content of this report.
2. This report shall not be reproduced except in full, without approval of the MD.
3. This report is intended for only guidance and not for legal purpose or for advertisement.
4. Any complaint about this report should be communicated in writing within 7 days of its issue
5. Total liability of Institute for Environmental Management will be limited to Invoiced amount only.
6. In case of feedback/ complaints, please send an email at sm.lemeco@gmail.com

On the basis of Quality Checked and Technical data verified by the Authorized signatory, the report is issued by the Director of the Organization.

Reviewed by _____ Authorized Signatory

T. Ahmad _____

(Tauqeer Ahmad)* (Dr. S. C. Jain)

Technical Manager

Director

---End of Report---



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Ranchi-834002, Jharkhand, India

Ph - 8407804253, 8407804251, Email - iem2012@rediffmail.com



TC-16135

TEST REPORT

18.	Copper	mg/l	APHA 3111 B.2023	--	BDL (MDL - 0.2)
19.	Chromium	mg/l	APHA 3111 B.2023	--	BDL (MDL - 0.2)
20.	Lead	mg/l	APHA 3111 B.2023	--	BDL(MDL-0.2)
21.	Zinc	mg/l	APHA 3111 B.2023	--	BDL(MDL-0.2)
22.	Mercury	mg/l	APHA 3112 C.2023	--	BDL(MDL-0.05)
23.	Arsenic	mg/l	APHA 3114 C.2023	--	BDL(MDL-0.02)
24.	Cyanides	mg/l	IS 3025 (Part-27)	--	BDL(MDL-0.05)
25.	Iron	mg/l	APHA 3111 B.2023	--	0.32
26.	Nickel	mg/l	APHA: 3111B.2023	--	BDL(MDL-0.2)
27.	Hexavalent Chromium	mg/l	APHA: 3111 B.2023	--	BDL(MDL-0.01)
28.	Total Kjeldahl Nitrogen	mg/l	IS 3025 (Part-34)	--	3.4

Env. Condition of Lab.	Laboratory is maintaining Temperature $27 \pm 2^\circ\text{C}$ and Relative Humidity $65 \pm 5\%$ in all testing area as per IS 196:1966(C).
Abbreviation	MDL: Minimum Detection Limit, BDL: Below Detection Limit
Norms** is Specified	IS 10500 :2012
Remark	Sample Comply with prescribed specification.
Opinion & Interpretation	Not Practiced.
Tested by	Mahendra Nath Mahato
Sample Drawn by	Rajeev Singh & team
Disclaimers	- The results relate only to the item tested, calibrated or sampled. - Additions to, deviations, or exclusions from the method is not practiced if not mentioned. - Results from external providers are not used if not specified.

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On the basis of Quality Checked and Technical data verified by the Authorized signatory, the report is issued by the Director of the Organization.

Reviewed by	Authorized Signatory
(Tauqeer Ahmad)	(Dr. S. C. Jain)
Technical Manager	Director

---End of Report---



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Laboratory Site - H.No. - A-13, Saket Vihar, Near Sohrai Bhawan, Harmu Housing Colony,

Ranchi-834002, Jharkhand, India

Ph - 8407804253, 8407804251, Email - iem2012@rediffmail.com



TEST REPORT

Discipline: Chemical		Group: Water		Sub-Group: Surface water	
Report Issue Date: 19-09-2025			Test Report No.: RN- 241115001SW1		
Sample ID: 250916WA01001			Sample Description: Surface Water (Pond)		
Challan No./P.O. No.: N/A			Challan No./ P.No. Date: 15-11-2025		
Name and Contact Details of Customer: P & C Dept. Email id.- pnc.ranchi@prabhaenergy.com PRABHA ENERGY LTD.(PEL), Jharia CBM-Block-I 4th Floor, Rishab Complex Opposite Ashok Nagar Road No.4 Landmark Above Bank Of India, Ranchi, Jharkhand 834002					
Information obtained from customer (if any): N/A					
Type of Industry: Energy			Condition of Sample: Fit for Test		
Sampling Protocol: I.S 17614 (Part-1):2025			Sampling Date: 16-09-2025		
Protocol: CPCB Guideline & IS Method 3025 Series & APHA					
Sampling Location: Near CPP Office					
Field Meteorological Information		A. Temp. (°C): 26		R.H. (%): 62	
				W.C.: Partly Sunny	
				W.D.: NE to SW	
Location of performance of the Laboratory Activity: IEM Laboratory, Ranchi					
Sample Receiving Date: 16-09-2025		Testing Started: 16-09-2025		Testing Ended: 19-09-2025	

----Test Result----

Sl. No.	Tested Parameters	Unit	Method No.	Norms**	Results
29.	Oil & Grease	mg/l	IS 3025 (Part-39)	--	BDL(MDL-4)
30.	Salinity	PSU	APHA 2520 B:2023	--	1.75
31.	Lithium	mg/l	APHA 3111 B:2023	--	BDL(MDL-0.2)
32.	Vanadium (as V)	mg/l	APHA 3500 V B. 2023	--	BDL(MDL-0.1)

Env. Condition of Lab.	Laboratory is maintaining Temperature 27± 2°C and Relative Humidity 65±5 % in all testing area as per IS 196:1966(C).
Abbreviation	MDL: Minimum Detection Limit, BDL: Below Detection Limit
Norms** is Specified	IS 10500 :2012
Remark	Sample Comply with prescribed specification.
Opinion & Interpretation	Not Practiced.
Tested by	Mahendra Nath Mahato
Sample Drawn by	Rajeev Singh & team
Disclaimers	• The results relate only to the item tested, calibrated or sampled. • Additions to, deviations, or exclusions from the method is not practiced if not mentioned. • Results from external providers are not used if not specified.

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On the basis of Quality Checked and Technical data verified by the Authorized signatory, the report is issued by the Director of the Organization.

Reviewed by:  Authorized Signatory

(Tauqeer Ahmud)

Technical Manager

(Dr. S. C. Jain)

Director

----End of Report----



INSTITUTE FOR ENVIRONMENTAL MANAGEMENT

Corporate office - A-8, Modi Heights, Opp.-All India Radio Station, Ratu Road, Ranchi, Jharkhand - 834001
Laboratory Site - H.No. - A-13, Saket Vihar, Near Sohrai Bhawan, Harmu Housing Colony,
Ranchi-834002, Jharkhand, India
Ph - 8407804253, 8407804251, Email - iem2012@rediffmail.com



TC-16135

TEST REPORT

ULR No.:	T	C	1	6	1	3	5	2	5	0	0	0	0	0	0	9	8	8
Discipline: Chemical										Group: Water					Sub-Group: Ground water			
Report Issue Date: 19-09-2025										Test Report No.: RN-240930003GW1								
Sample ID: 250916WA02001										Sample Description: Ground Water (Bore well)								
Challan No./P.O. No.: N/A										Challan No./ P.No. Date: 30-09-2024								
Name and Contact Details of Customer: P & C Dept. Email id. - pnc.ranchi@prabhaenergy.com PRABHA ENERGY LTD.(PEL), Jharia CBM-Block-I 4th Floor, Rishab Complex Opposite Ashok Nagar Road No.4 Landmark Above Bank Of India, Ranchi, Jharkhand 834002																		
Information obtained from customer (if any): N/A																		
Type of Industry: Energy										Condition of Sample: Fit for Test								
Sampling Protocol: I.S 17614 (Part-1):2025										Sampling Date: 16-09-2025								
Protocol: CPCB Guideline & IS Method 3025 Series & APHA																		
Sampling Location: Hanuman Mandir																		
Field Meteorological Information A. Temp. (°C): 26 R.H. (%): 62 W.C.: Partly Sunny W.D.: NE to SW																		
Location of performance of the Laboratory Activity: IEM Laboratory, Ranchi																		
Sample Receiving Date: 16-09-2025										Testing Started: 16-09-2025					Testing Ended: 19-09-2025			

----Test Result----

Sl. No.	Tested Parameters	Unit	Method No.	Norms**		Results
				Acceptable	Permissible	
1.	PH Value	---	IS 3025 (Part - 11)	6.5 to 8.5	No Relaxation	6.9
2.	Conductivity	µs/cm	IS 3025 (Part - 14)	--	--	592
3.	Colour	Hazen	IS 3025 (Part - 04)	5	15	<5
4.	Biological Oxygen Demand (BOD)	mg/l	IS 3025 (Part-44)	--	--	BDL(MDL-1.0)
5.	Chemical Oxygen Demand (COD)	mg/l	IS 3025 (Part-58)	--	--	BDL(MDL-4.0)
6.	Total Dissolved Solids	mg/l	IS 3025 (Part - 16)	500	2000	422
7.	Calcium (as Ca)	mg/l	IS 3025 (Part - 40)	75	200	52.1
8.	Total Alkalinity (as CaCO ₃)	mg/l	IS 3025 (Part - 23)	200	600	196
9.	Total Suspended Solids (TSS)	mg/l	IS 3025 (Part-17)	--	--	BDL(MDL-5.0)
10.	Chloride (as Cl)	mg/l	IS 3025 (Part - 32)	250	1000	59
11.	Sulphate (as SO ₄)	mg/l	IS 3025 (Part - 24)	200	400	42.1
12.	Magnesium (as Mg)	mg/l	APHA 3500 B:2017	30	100	24.3
13.	Dissolved Oxygen	mg/l	IS 3025 (Part - 38)	--	--	5.2
14.	Sodium	mg/l	IS 3025 (Part-45)	--	--	25.8
15.	Fluoride (as F)	mg/l	APHA 4500 D:20	1.0	1.5	0.72
16.	Copper	mg/l	APHA 3111 B:20	0.05	1.5	BDL (MDL-0.2)
17.	Lead	mg/l	APHA 3111 B:2023	0.01	No Relaxation	BDL (MDL-0.2)
18.	Iron	mg/l	APHA 3111 B:2023	1	No Relaxation	0.54
19.	Arsenic (as AS)	mg/l	APHA: 3114B:2023	0.01	No Relaxation	BDL(MDL-0.02)
20.	Mercury	mg/l	APHA: 3112B:2023	0.001	No Relaxation	BDL(MDL-0.05)

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On the basis of Quality Checked and Technical data verified by the Authorized signatory, the report is issued by the Director of the Organization.

Reviewed by _____ Authorized Signatory

T. Ahmad _____
(Tauqeer Ahmad) _____
Technical Manager Ranchi _____
Dr. S. C. Jain _____
Director

---End of Report---



INSTITUTE FOR ENVIRONMENTAL MANAGEMENT

Corporate office - A-8, Modi Heights, Opp.-All India Radio Station, Ratu Road, Ranchi, Jharkhand - 834001

Laboratory Site - H.No. - A-13, Saket Vihar, Near Sohrai Bhawan, Harmu Housing Colony,

Ranchi-834002, Jharkhand, India

Ph - 8407804253, 8407804251, Email - iem2012@rediffmail.com



TC-16135

TEST REPORT

21	Temperature	°C	APHA 3111 B:2023	--	--	28.4
22	Phenolic Compound	mg/l	IS 3025 (Part-43)	0.001	0.002	BDL(MDL-0.001)
23	Chromium	mg/l	APHA: 3111B.2023	0.05	No Relaxation	BDL(MDL-0.2)
24	Zinc	mg/l	APHA: 3111B.2023	5	15	BDL(MDL-0.2)
25	Nickel	mg/l	APHA: 3111B.2023	0.02	No Relaxation	BDL(MDL-0.2)
26	Hexavalent Chromium	mg/l	APHA: 3111 B.2023	--	--	BDL(MDL-0.01)
27	Cyanides	mg/l	IS 3025 (Part-27)	0.05	No Relaxation	BDL(MDL-0.05)
28	Manganese	mg/l	APHA 3111 B:2023	0.1	0.3	BDL(MDL-0.2)

Env. Condition of Lab.	Laboratory is maintaining Temperature $27 \pm 2^{\circ}\text{C}$ and Relative Humidity $65 \pm 5\%$ in all testing area as per IS 196:1966(C).
Abbreviation	MDL: Minimum Detection Limit, BDL: Below Detection Limit
Norms** is Specified	IS 10500 :2012
Remark	Sample Comply with prescribed specification.
Opinion & Interpretation	Not Practiced.
Tested by	Mahendra Nath Mahato
Sample Drawn by	Rajeev Singh & team
Disclaimers	• The results relate only to the item tested, calibrated or sampled. • Additions to, deviations, or exclusions from the method is not practiced if not mentioned. • Results from external providers are not used if not specified.

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Reviewed by Authorized Signatory

T. Ahmad
(Tauqeer Ahmad)

Technical Manager

S. C. Jain
(Dr. S. C. Jain)

Director

—End of Report—



INSTITUTE FOR ENVIRONMENTAL MANAGEMENT

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Ranchi-834002, Jharkhand, India
Ph - 8407804253, 8407804251, Email - iem2012@rediffmail.com



TEST REPORT

Discipline: Chemical		Group: Water		Sub-Group: Ground water	
Report Issue Date: 19-09-2025			Test Report No.: RN-240930003GW1		
Sample ID: 250916WA02001			Sample Description: Ground Water (Bore well)		
Challan No./P.O. No.: N/A			Challan No./ P.No. Date: 30-09-2024		
Name and Contact Details of Customer: P & C Dept. Email id.- pnc.ranchi@prabhaenergy.com PRABHA ENERGY LTD.(PEL), Jharia CBM-Block-I 4th Floor, Rishab Complex Opposite Ashok Nagar Road No.4 Landmark Above Bank Of India, Ranchi, Jharkhand 834002					
Information obtained from customer (if any): N/A					
Type of Industry: Energy			Condition of Sample: Fit for Test		
Sampling Protocol: I.S 17614 (Part-1):2025			Sampling Date: 16-09-2025		
Protocol: CPCB Guideline & IS Method 3025 Series & APHA					
Sampling Location: Hanuman Mandir					
Field Meteorological Information		A. Temp. (°C): 26	R.H. (%): 62	W.C.: Partly Sunny	W.D.: NE to SW
Location of performance of the Laboratory Activity: IEM Laboratory, Ranchi					
Sample Receiving Date: 16-09-2025		Testing Started: 16-09-2025		Testing Ended: 19-09-2025	

----Test Result----

Sl. No.	Tested Parameters	Unit	Method No.	Norms**		Results
				Acceptable	Permissible	
29.	SAR	mg/l	IEM/ SOP/WATER	--	--	0.75
30.	Salinity	--	APHA 2520 B:2023	--	--	2.46
31.	Lithium	mg/l	APHA 3111 B:2023	--	--	BDL(MDL-0.2)
32.	Vanadium (as V)	mg/l	APHA 3500 V B. 2023	--	--	BDL(MDL-0.1)

Env. Condition of Lab.	Laboratory is maintaining Temperature 27± 2°C and Relative Humidity 65±5 % in all testing area as per IS 196:1966(C).
Abbreviation	MDL: Minimum Detection Limit, BDL: Below Detection Limit
Norms** is Specified	IS 10500 :2012
Remark	Sample Comply with prescribed specification.
Opinion & Interpretation	Not Practiced.
Tested by	Mahendra Nath Mahato
Sample Drawn by	Rajeev Singh & team
Disclaimers	• The results relate only to the item tested, calibrated or sampled. • Additions to, deviations, or exclusions from the method is not practiced if not mentioned. • Results from external providers are not used if not specified.

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On the basis of Quality Checked and Technical data verified by the Authorized signatory, the report is issued by the Director of the Organization.

Reviewed by

T. Ahmad

(Tauqeer Ahmad)

Technical Manager

Authorized Signatory

Dr. S. C. Jain

Director

----End of Report----



INSTITUTE FOR ENVIRONMENTAL MANAGEMENT

Corporate office - A-8, Modi Heights, Opp.-All India Radio Station, Ratu Road, Ranchi, Jharkhand - 834001

Laboratory Site - H.No. - A-13, Saket Vihar, Near Sohrai Bhawan, Harmu Housing Colony,

Ranchi-834002, Jharkhand, India

Ph - 8407804253, 8407804251, Email - iem2012@rediffmail.com



TC-18135

TEST REPORT

ULR No.:	T	C	1	6	1	3	5	2	5	0	0	0	0	0	0	9	8	7			
Discipline: Chemical	Group: Atmospheric Pollution										Sub-Group: Stack Emission										
Report Issue Date: 19-09-2025										Test Report No.: RN-241115001S01											
Sample ID: 250916AP03001										Sample Description: DG Set Stack Emission											
Challan No./P.O. No.: N/A										Challan No./ P.No. Date: 15-11-2024											
Name and Contact Details of Customer: P & C Dept. Email id.- pnc.ranchi@prabhaenergy.com PRABHA ENERGY LTD.(PEL), Jharua CBM-Block-J 4th Floor, Rishab Complex Opposite Ashok Nagar Road No.4 Landmark Above Bank Of India, Ranchi, Jharkhand 834002																					
Type of Industry: Energy										Condition of Sample: Fit for Test											
Sampling Protocol: IS:11255: 2009										Sampling Date: 16-09-2025											
Protocol: CPCB Guideline (LATS/80/2013-14) & IS Method 11255 Series																					
Sampling Location: Project Site DG stack-1(25 KVA)																					
Field Meteorological Information										A. Temp. (°C): 26			R.H. (%): 62			W.C.: Partly Sunny			W.D.: NE to SW		
Location of performance of the Laboratory Activity: IEM Laboratory, Ranchi																					
Sample Receiving Date: 16-09-2025										Testing Started: 16-09-2025					Testing Ended: 19-09-2025						

Information obtained from Customer

Stack Identification	Project Site DG stack-1(25 KVA)	Sampling Port	Available
Plat Form	Temporary	Stack Height from Ground Level (m)	1.9
Stack Description	Single	Port Hole Height from Ground Level (m)	1.9
Shape of Stack	Circular	Inner Dimension of Stack (m)	0.024
Construction Material	MS	Pollution Control Device (if any)	NA
Type of Fuel Used	Diesel	DG Capacity	25 KVA

Flue Gas Temperature (K): 409	Flue Gas Velocity (m/s): 16.2	Flue Gas Volumetric Flow Rate (Nm ³ /hr): 18.7
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-----Test Result -----

Sl. NO.	Parameters	Test Methods	Unit	Result	Norms**
1.	Particulates Matter (PM)	IS 11255 (Part-1)	g/kw-hr	0.31	≤0.3
2.	Oxides of Nitrogen (NO ₂)	IS 11255 (Part-7)	g/kw-hr	0.47	--
3.	Carbon Monoxide (CO)	IS 13270	g/kw-hr	0.90	≤3.5

Env. Condition of Lab.	Laboratory is maintaining Temperature 27± 2°C and Relative Humidity 65±5 % in all testing area as per IS 196:1966(C).
Abbreviation	MDL: Minimum Detection Limit, BDL: Below Detection Limit
Norms** is Specified	As per the IS Method 11255 Series.
Remark	Sample Comply with prescribed specification.
Opinion & Interpretation	Not Practiced.
Tested by	Akanksha Sourabh
Sample Drawn by	Rajeev Singh & team
Disclaimers	- The results relate only to the item tested, calibrated or sampled. - Additions to, deviations, or exclusions from the method is not practiced if not mentioned. - Results from external providers are not used if not specified.

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Reviewed by Authorized Signatory

T. Ahmmed
(Tauqeer Ahmmed)
Technical Manager Ranchi

(Dr. S. C. Jain)
Director

—End of Report—



INSTITUTE FOR ENVIRONMENTAL MANAGEMENT

Corporate office - A-8, Modi Heights, Opp.-All India Radio Station, Ratu Road, Ranchi, Jharkhand - 834001
Laboratory Site - H.No. - A-13, Saket Vihar, Near Sohrai Bhawan, Harmu Housing Colony,
Ranchi-834002, Jharkhand, India
Ph - 8407804253, 8407804251, Email - iem2012@rediffmail.com



TEST REPORT

Discipline: Chemical	Group: Atmospheric Pollution	Sub-Group: Stack Emission
Report Issue Date: 19-09-2025	Test Report No.: RN-241115001S01	
Sample ID: 250916AP03001	Sample Description: DG Set Stack Emission	
Challan No./P.O. No.: N/A	Challan No./ P.No. Date: 15-11-2024	
Name and Contact Details of Customer: P & C Dept. Email id.- pnc.ranchi@prabhaenergy.com PRABHA ENERGY LTD.(PEL), Jharia CBM-Block-I 4th Floor, Rishab Complex Opposite Ashok Nagar Road No.4 Landmark Above Bank Of India, Ranchi, Jharkhand 834002		
Type of Industry: Energy	Condition of Sample: Fit for Test	
Sampling Protocol: IS:11255: 2009	Sampling Date: 16-09-2025	
Protocol: CPCB Guideline (LATS/80/2013-14) & IS Method 11255 Series		
Sampling Location: Project Site DG stack-1(25 KVA)		
Field Meteorological Information	A. Temp. (°C): 26	R.H. (%): 62
	W.C.: Partly Sunny	W.D.: NE to SW
Location of performance of the Laboratory Activity: IEM Laboratory, Ranchi		
Sample Receiving Date: 16-09-2025	Testing Started: 16-09-2025	Testing Ended: 19-09-2025

Information obtained from Customer

Stack Identification	Project Site DG stack-1(25 KVA)	Sampling Port	Available
Plat Form	Temporary	Stack Height from Ground Level (m)	1.9
Stack Description	Single	Port Hole Height from Ground Level (m)	1.9
Shape of Stack	Circular	Inner Dimension of Stack (m)	0.024
Construction Material	MS	Pollution Control Device (if any)	NA
Type of Fuel Used	Diesel	DG Capacity	25 KVA

Flue Gas Temperature (K): 409	Flue Gas Velocity (m/s): 16.2	Flue Gas Volumetric Flow Rate (Nm ³ /hr): 18.7
-------------------------------	-------------------------------	---

-----Test Result -----

SI. NO.	Parameters	Test Methods	Unit	Result	Limits
4.	Total Hydrocarbon (THC)	IEM/SOP/AIR	g/kw-hr	0.33	---
5.	Smoke Limit	IEM/SOP/AIR	m-1	<1	≤0.7

Env. Condition of Lab.	Laboratory is maintaining Temperature 27± 2°C and Relative Humidity 65±5 % in all testing area as per IS 196:1966(C).
Abbreviation	MDL: Minimum Detection Limit, BDL: Below Detection Limit
Norms** is Specified	As per the IS Method 11255 Series.
Remark	Sample Comply with prescribed specification.
Opinion & Interpretation	Not Practiced.
Tested by	Akanksha Sourabh
Sample Drawn by	Rajeev Singh & team
Disclaimers	- The results relate only to the item tested, calibrated or sampled. - Additions to, deviations, or exclusions from the method is not practiced if not mentioned. - Results from external providers are not used if not specified.

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Reviewed by _____ Authorized Signatory

T. Ahmad
(Tauqeer Ahmad) * Ranchi * (Dr. S. C. Jain)

Technical Manager

Director

-----End of Report-----



INSTITUTE FOR ENVIRONMENTAL MANAGEMENT

Corporate office - A-8, Modi Heights, Opp.-All India Radio Station, Ratu Road, Ranchi, Jharkhand - 834001

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Ranchi-834002, Jharkhand, India

Ph - 8407804253, 8407804251, Email - lem2012@rediffmail.com



TC-16135

TEST REPORT

ULR No.:	T	C	1	6	1	3	5	2	5	0	0	0	0	0	0	9	8	5
Discipline: Chemical	Group: Atmospheric Pollution									Sub-Group: Ambient Air								
Report Issue Date: 19-09-2025									Test Report No.: RN-241115001A01									
Sample ID: 250916AP01001									Sample Description: Ambient Air									
Challan No./P.O. No.: N/A									Challan No./ P.No. Date: 15-11-2024									
Name and Contact Details of Customer: P & C Dept. Email id.- pnc.ranchi@prabhaenergy.com PRABHA ENERGY LTD.(PEL), Jharia CBM-Block-I 4th Floor, Rishab Complex Opposite Ashok Nagar Road No.4 Landmark Above Bank Of India, Ranchi, Jharkhand 834002																		
Information obtained from customer (if any):																		
Type of Industry: Energy									Condition of Sample: Fit For Test									
Sampling Protocol: IS:5182									Sampling Date: 15-09-2025 to 16-09-2025									
Protocol: CPCB Guideline(NAAQMS/36/2012-13) & IS Method 5182 Series																		
Sampling Location: Samudaiyik Bhawan (Near Hanuman Mandir)																		
Field Meteorological Information			A. Temp. (°C): 26			R.H. (%): 62			W.C.: Partly Sunny			W.D.: NE to SW						
Location of performance of the Laboratory Activity: IEM Laboratory, Ranchi																		
Sample Receiving date:16-09-2025						Testing Started: 16-09-2025						Testing Ended: 19-09-2025						

----Test Results----

Sl.No.	Parameters	Test Method No.	Unit	Norms**	Results
1.	Particulate Matter (PM ₁₀)	IS 5182 Part 23:2006	µg/m ³	100	64.5
2.	Particulate Matter (PM _{2.5})	IS 5182 Part 24:2019	µg/m ³	60	31.0
3.	Sulphur Dioxide (SO ₂)	IS 5182 Part-02	µg/m ³	80	16.4
4.	Nitrogen Dioxide (NO ₂)	IS 5182 Part-06	µg/m ³	80	32.2
5.	Ammonia (NH ₃)	IS 5182 Part 25	µg/m ³	400	42.1
6.	Ozone (O ₃)	IS 5182 Part 09	µg/m ³	100	12.2
7.	Arsenic (as As)	USEPA I.O. 3.2	ng/m ³	----	BDL (MDL-2)
8.	Lead (as Pb)	IS 5182 Part 22	µg/m ³	1.0	0.02
9.	Nickel (Ni)	IS 5182 Part 26	ng/m ³	----	BDL (MDL-4)

Env. Condition of Lab.	Laboratory is maintaining Temperature 27± 2°C and Relative Humidity 65±5 % in all testing area as per IS 196:1966(C).
Abbreviation	MDL: Minimum Detection Limit, BDL: Below Detection Limit
Norms** is Specified	National Ambient Air Quality Standards (NAAQS), 2009.
Remark	Sample Comply with prescribed specification.
Opinion & Interpretation	Not Practiced.
Tested by	Akanksha Sourabh
Sample Drawn by	Rajeev Singh & team
Disclaimers	- The results relate only to the item tested, calibrated or sampled. - Additions to, deviations, or exclusions from the method is not practiced if not mentioned. - Results from external providers are not used if not specified.

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On the basis of Quality Checked and Technical data verified by the Authorized signatory, the report is issued by the Director of the Organization.

Reviewed by	Authorized Signatory
(Tauqeer Ahmad)	(Dr. S. C. Jain)
Technical Manager	Director

----End of Report----



INSTITUTE FOR ENVIRONMENTAL MANAGEMENT

Corporate office - A-8, Modi Heights, Opp.-All India Radio Station, Ratu Road, Ranchi, Jharkhand - 834001
Laboratory Site - H.No. - A-13, Saket Vihar, Near Sohral Bhawan, Harmu Housing Colony,
Ranchi-834002, Jharkhand, India
Ph - 8407804253, 8407804251, Email - lem2012@rediffmail.com



TEST REPORT

Discipline: Chemical		Group: Atmospheric Pollution		Sub-Group: Ambient Air	
Report Issue Date: 19-09-2025			Test Report No.: RN-241115001A01		
Sample ID: 250916AP01001			Sample Description: Ambient Air		
Challan No./P.O. No.: N/A			Challan No./ P.No. Date: 15-11-2024		
Name and Contact Details of Customer: P & C Dept. Email id.- pnc.ranchi@prabhaenergy.com PRABHA ENERGY LTD.(PEL), Jharia CBM-Block-I 4th Floor, Rishab Complex Opposite Ashok Nagar Road No.4 Landmark Above Bank Of India, Ranchi, Jharkhand 834002					
Information obtained from customer (if any):					
Type of Industry: Energy			Condition of Sample: Fit For Test		
Sampling Protocol: IS:5182			Sampling Date: 15-09-2025 to 16-09-2025		
Protocol: CPCB Guideline(NAAQMS/36/2012-13) & IS Method 5182 Series					
Sampling Location: Samudaiyik Bhawan (Near Hanuman Mandir)					
Field Meteorological Information		A. Temp. (°C): 26	R.H. (%): 62	W.C.: Partly Sunny	W.D.: NE to SW
Location of performance of the Laboratory Activity: IEM Laboratory, Ranchi					
Sample Receiving date:16-09-2025		Testing Started: 16-09-2025		Testing Ended: 19-09-2025	

----Test Results----

Sl.No.	Parameters	Test Method No.	Unit	Norms**	Results
10.	Benzo (a) Pyrene (BaP) Particulate phase only	IS 5182 Part 12	ng/m ³	----	BDL (MDL-0.18)
11.	Carbon Monoxide (CO)	IEM/SOP/Air-01:2022	mg/m ³	02	BDL(MDL-1.8)
12.	Benzene (C ₆ H ₆)	IS 5182 Part 11	µg/m ³	—	BDL (MDL- 0.06)

Env. Condition of Lab.	Laboratory is maintaining Temperature 27± 2°C and Relative Humidity 65±5 % in all testing area as per IS 196:1966(C).
Abbreviation	MDL: Minimum Detection Limit, BDL: Below Detection Limit
Norms** is Specified	National Ambient Air Quality Standards (NAAQS), 2009.
Remark	Sample Comply with prescribed specification.
Opinion & Interpretation	Not Practiced.
Tested by	Akanksha Sourabh
Sample Drawn by	Rajeev Singh & team
Disclaimers	- The results relate only to the item tested, calibrated or sampled. - Additions to, deviations, or exclusions from the method is not practiced if not mentioned. - Results from external providers are not used if not specified.

Specific Contractual Notes: -

- The laboratory accepts responsibility for content of this report.
- This report shall not be reproduced except in full, without approval of the MD.
- This report is intended for only guidance and not for legal purpose or for advertisement.
- Any complaint about this report should be communicated in writing within 7 days of its issue
- Total liability of Institute for Environmental Management will be limited to invoiced amount only.
- In case of feedback/ complaints, please send an email at sm.lemeco@gmail.com

On the basis of Quality Checked and Technical data verified by the Authorized signatory, the report is issued by the Director of the Organization.

Reviewed by

T. Ahmad
(Tauqeer Ahmad)

Technical Manager

Authorized Signatory

(Dr. S. C. Jain)

Director

---End of Report---



INSTITUTE FOR ENVIRONMENTAL MANAGEMENT

Corporate office - A-8, Modi Heights, Opp.-All India Radio Station, Ratu Road, Ranchi, Jharkhand - 834001

Laboratory Site - H.No. - A-13, Saket Vihar, Near Sohral Bhawan, Harmu Housing Colony,

Ranchi-834002, Jharkhand, India

Ph - 8407804253, 8407804251, Email - iem2012@rediffmail.com



TC-16135

TEST REPORT

ULR No.:	T	C	1	6	1	3	5	2	5	0	0	0	0	0	0	9	8	6	
Discipline: Chemical	Group: Atmospheric Pollution								Sub-Group: Ambient Noise Level (Excluding Vibrations)										
Report Issue Date: 19-09-2025									Test Report No.: RN-241115001N										
Sample ID: 250916AP02001									Sample Description: Ambient Noise Level										
Challan No./P.O. No.: N/A									Challan No./ P.No. Date: 15-11-2024										
Name and Contact Details of Customer: P & C Dept. Email id. - pnc.ranchi@prabhaenergy.com PRABHA ENERGY LTD.(PEL), Jharia CBM-Block-I 4th Floor, Rishab Complex Opposite Ashok Nagar Road No.4 Landmark Above Bank Of India, Ranchi, Jharkhand 834002																			
Information obtained from customer (if any):																			
Type of Industry: Energy									Condition of Sample: Fit for Test										
Sampling Protocol: IS: 5182									Sampling Date: 15-09-2025 to 16-09-2025										
Protocol: CPCB Guideline & IS Method 9989:1981																			
Sampling Location: Well Site																			
Field Meteorological Information			A. Temp. (°C): 26			R.H. (%): 62			W.C.: Partly Sunny			W.D.: NE to SW							
Location of performance of the Laboratory Activity: IEM Laboratory, Ranchi																			
Sample Receiving date: 16-09-2025						Testing Started: 16-09-2025						Testing Ended: 19-09-2025							

---Test Result---

Sl. No.	Parameter	Method	Unit	Results	Day	Night	Norms**
1.	Equivalent Sound Level (Leq)	IS 9989:1981	dB(A)	L _{eq}	50.7	48.4	Day - 75 & Night - 70
2.				L _{MIN}	35.7	33.4	
3.				L _{MAX}	56	53.7	
4.				L ₉₀	38.5	36.2	
5.				L ₅₀	44.8	42.5	
6.				L ₁₀	49.2	46.9	

Note: -

1. Day time shall mean from 6.00 a.m. to 10.00 p.m.
2. Night time shall mean from 10.00 p.m. to 6.00 a.m.
3. Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority.
4. dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.
5. A "decibel" is a unit in which noise is measured. "A", in dB(A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to frequency response characteristics of the human ear.
6. Leq: It is an energy mean of the noise level, over a specified period.

Env. Condition of Lab.	Laboratory is maintaining Temperature 27± 2°C and Relative Humidity 65±5 % in all testing area as per IS 196:1966(C).
Abbreviation	MDL: Minimum Detection Limit, BDL: Below Detection Limit
Norms** is Specified	As per Noise Pollution (Regulation and Control) Rules - 2000
Remark	Sample Comply with prescribed specification.
Opinion & Interpretation	Not Practiced.
Tested by	Akanksha Sourabh
Sample Drawn by	Rajeev Singh & team
Disclaimers	• The results relate only to the item tested, calibrated or sampled. • Additions to, deviations, or exclusions from the method is not practiced if not mentioned. • Results from external providers are not used if not specified.

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Reviewed by Authorized Signatory

T. Ahmad
(Tauqeer Ahmad)
Ranchi

Technical Manager

Dr. S. C. Jain
(Dr. S. C. Jain)
Ranchi

Director

---End of Report---



Statement of Account

PRABHA ENERGY PRIVATE LIMITED

Union Bank of India

C/O PRABHA ENERGY PRIVATE LIMITED

Branch ELLISBRIDGE AHMEDABAD

12A,OPP,ABHISHREE CORPORATE

Customer Id 900503491

SWAGAT,STOP BOPAL AMBALI,AHMEDABAD

A/C Number 312801010036905

City AHMEDABAD

Currency INR

State GUJARAT

Account Type Current Account

Country

MICR Code 380026010

Zip

IFSC Code UBIN0531286

Mobile No. '+916357165911

Email ACCOUNTS@PRABHAENERGY.COM

Statement Date 05/08/2023 17:39

Statement 05/08/2023 To 05/08/2023

Records from 1 to 13.

No more records available.

Date	Tran Id	Remarks	UTR Number	Instr. Id	Withdrawals	Deposits	Balance
05-08-2023 10:30:39	S4982	RTGS FUND TRANSFER TOWARDS EC CONDITION JHARIA BLOCK UTIBH08216277117				6,73,000	8,00,855.10



बीसीसीएल
BCCCL

भारत कोकिंग कोल लिमिटेड

(एक मिनीरल कम्पनी)
(कोल इण्डिया लिमिटेड का एक अंग)



626

सभी सम्बंधित व्यक्तियों को सूचित किया जाता है कि भारत कोकिंग कोल लिमिटेड के झरिया सीबीएम ब्लॉक 1 को पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय के द्वारा पर्यावरणीय स्वीकृति प्राप्त हुई है। विवरण निम्न है :

प्रोजेक्ट का नाम और विवरण	स्वीकृति आदेश संख्या एवं तिथि
पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय द्वारा मेसर्स भारत कोकिंग कोल लिमिटेड के 70.74 हेक्टेयर पट्टे में पांच (5) कोर होल 3 और पांच (5) परीक्षण वेल की ड्रिलिंग के लिए झरिया सीबीएम ब्लॉक 1 को पर्यावरण मंजूरी जारी कर दी गई है। जिला धनबाद, झारखंड	इसी पहचान संख्या: EC238002JM117772 फाइल संख्या: EC/SEIAA/2023-24/2842/202

प्रतिलिपि पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय की आधिकारिक वेबसाइट www.environmentclearance.nic.in और भारत कोकिंग कोल लिमिटेड के आधिकारिक वेबसाइट www.bccclweb.in पर उपलब्ध है।

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मूल्य

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भारत कोकिंग कोल लिमिटेड

(एक मिनीरल कम्पनी)
(कोल इण्डिया लिमिटेड का एक अंग)



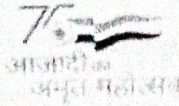
सभी सम्बंधित व्यक्तियों को सूचित किया जाता है कि भारत कोकिंग कोल लिमिटेड के झरिया सीबीएम ब्लॉक 1 को पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय के द्वारा पर्यावरणीय स्वीकृति प्राप्त हुई है। विवरण निम्न है :

प्रोजेक्ट का नाम और विवरण	स्वीकृति आदेश संख्या एवं तिथि
पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय द्वारा मेसर्स भार त कोकिंग कोल लिमिटेड के 70.74 हेक्टेयर पट्टे में पांच (5) कोर होल और पांच (5) परीक्षण वेल की ड्रिलिंग के लिए झरिया सीबीएम ब्लॉक 1 को पर्यावरण मंजूरी जारी कर दी गई है। जिला धनबाद, झारखंड	इसी पहचान संख्या: EC23B002JH117772 फाइल संख्या: EC/SEIAA/2023-24/2842/2023 दिनांक: 19.06.2023

प्रतिलिपि पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय की आधिकारिक वेबसाईड www.environmentclearance.nic.in और भारत कोकिंग कोल लिमिटेड के आधिकारिक वेबसाईड www.bcclweb.in पर उपलब्ध है।



Bharat Coking Coal Limited



भारत कोकिंग कोल लिमिटेड
(कोल इण्डिया लिमिटेड की एक अनुसूची कंपनी)
Bharat Coking Coal Limited
(A Subsidiary of Coal India Limited)
(एक विनियोज्य कंपनी - A Miniratna Company)
(भारत सरकार का उपक्रम - A Government of India Undertaking)

महाप्रबंधक का कार्यालय

पश्चिमी झरिया क्षेत्र

पो: मूनिडीह, जिला: धनबाद (झारखंड) - 828129

फोन नं: 0326-2203449; ई-मेल: gmwj.bcccl@coalindia.in PH: 0326-2273445; E-Mail: gmwj.bcccl@coalindia.in

Office of the General Manager
WESTERN JHARIA AREA

PO: MOONIDIH, DISTT: DHANBAD (JHARKHAND) - 828129

सन्दर्भ:- 951 (H)

दिनांक: 08/7/23

सेवा में,
मुखिया जी,
गोपीनाथडीह पंचायत,
अंचल-पुटकी
धनबाद । पिन- 828129

विषय:- "Jharia CBM Block-I" परियोजना के लिए पर्यावरण स्वीकृति (Environmental Clearance) को लेकर सूचनापत्र ।

आदरणीय मुखिया जी,

भारत कोकिंग कोल लिमिटेड, पश्चिमी झरिया क्षेत्र आपको ये सूचित करना चाहता है की झरिया "Jharia CBM Block-I" परियोजना को पर्यावरण स्वीकृति फाइल संख्या-EC/SEIAA/2023-24/2842/2023 दिनांक 19 जून 2023 द्वारा प्राप्त हुई है। पर्यावरण स्वीकृति दस्तावेज़ की प्रतिलिपि आपके लिए इस पत्र के साथ भेजी जा रही है।

आपसे अनुरोध है की पर्यावरण स्वीकृति दस्तावेज़ के पृष्ठ संख्या 13 के सामान्य शर्तें (i) (General Conditions no. (i)) का अनुपालन करने की कृपा करें।

धन्यवाद,

संलग्न - Environmental Clearance (EC) Copy of Jharia CBM Block-I.

प्रारत किशोर

016121 महिल क
10/07/2023

भवदीय

8-7-2023
महाप्रबंधक,
पश्चिमी झरिया क्षेत्र

७/८

ENVIRONMENTAL
CLEARANCE

PARIVESH

(Pro-Active and Responsive Facilitation by Interactive,
and Virtuous Environmental Single-Window Hub)



Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment
Authority(SEIAA), Jharkhand)

To,

The GM
BHARAT COKING COAL LIMITED
Office of General Manager WJ Area -828129

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity
under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC)
in respect of project submitted to the SEIAA vide proposal number
SIA/JH/IND2/265252/2022 dated 19 May 2023. The particulars of the environmental
clearance granted to the project are as below.

1. EC Identification No.	EC23B002JH117772
2. File No.	EC/SEIAA/2023-24/2842/2023
3. Project Type	New
4. Category	B2
5. Project/Activity including Schedule No.	1(b) Offshore and onshore oil and gas exploration, development & production
6. Name of Project	JHARIA CBM BLOCK I
7. Name of Company/Organization	BHARAT COKING COAL LIMITED
8. Location of Project	Jharkhand
9. TOR Date	N/A

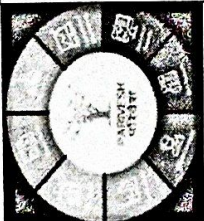
The project details along with terms and conditions are appended herewith from page
no 2 onwards.

Date: 19/06/2023

(e-signed)
Ashok Kumar, IFS
Member Secretary
SEIAA - (Jharkhand)

*Note: A valid environmental clearance shall be one that has EC identification
number & E-Sign generated from PARIVESH. Please quote identification
number in all future correspondence.*

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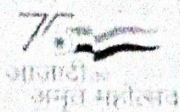


ग्राहक को 21

21/07/2023
10/07/2023



Bharat Coking Coal Limited



भारत कोकिंग कोल लिमिटेड
(कोल इण्डिया लिमिटेड की एक अनुसूची कंपनी)
Bharat Coking Coal Limited
(A Subsidiary of Coal India Limited)
(एक विनियमित कंपनी - A Miniratna Company)
(भारत सरकार का उपक्रम - A Government of India Undertaking)

महाप्रबंधक का कार्यालय

पश्चिमी झरिया क्षेत्र

पो: मुनिडीह, जिला: धनबाद (झारखंड) - ८२८१२९

फोन नं: ०३२६-२२७३४४७; ई-मेल: gmwj.bocl@coalindia.in PH: 0326-2273445; E-Mail: gmwj.bocl@coalindia.in

Office of the General Manager
WESTERN JHARIA AREA

PO: MOONIDIH, DIST: DHANBAD (JHARKHAND) - 828129

सन्दर्भ:- 953 (H)

दिनांक: 08/7/23

सेवा में,
मुखिया जी,
पाण्डरकनाली दक्षिण पंचायत,
अंचल-पुटकी
धनबाद ।

विषय:- "Jharia CBM Block-I" परियोजना के लिए पर्यावरण स्वीकृति (Environmental Clearance) को लेकर सूचनापत्र ।

आदरणीय मुखिया जी,

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आपसे अनुरोध है की पर्यावरण स्वीकृति दस्तावेज़ के पृष्ठ संख्या 13 के सामान्य शर्तें (i) (General Conditions no. (i)) का अनुपालन करने की कृपा करें।

धन्यवाद,

संलग्न - Environmental Clearance (EC) Copy of Jharia CBM Block-I.

MUKHIA
Chander Devi
12/07/23

भवदीय

8-7-2023

महाप्रबंधक,

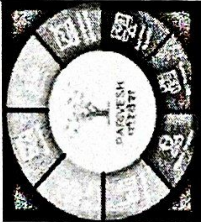
पश्चिमी झरिया क्षेत्र

८/८

ENVIRONMENTAL
CLEARANCE

PARIVESH

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and Virtuous Environmental Single-Window Hub)



Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment
Authority(SEIAA), Jharkhand)

To,

The GM
BHARAT COKING COAL LIMITED
Office of General Manager WJ Area -828129

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/JH/IND2/265252/2022 dated 19 May 2023. The particulars of the environmental clearance granted to the project are as below.

1. EC Identification No.	EC23B002JH117772
2. File No.	EC/SEIAA/2023-24/2842/2023
3. Project Type	New
4. Category	B2
5. Project/Activity including Schedule No.	1(b) Offshore and onshore oil and gas exploration, development & production
6. Name of Project	JHARIA CBM BLOCK I
7. Name of Company/Organization	BHARAT COKING COAL LIMITED
8. Location of Project	Jharkhand
9. TOR Date	N/A

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 19/06/2023

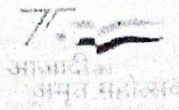
(e-signed)
Ashok Kumar, IFS
Member Secretary
SEIAA - (Jharkhand)

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH. Please quote identification number in all future correspondence.

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Bharat Coking Coal Limited



भारत कोकिंग कोल लिमिटेड
(कोल इण्डिया लिमिटेड की एक अनुसूची कंपनी)
Bharat Coking Coal Limited
(A Subsidiary of Coal India Limited)
(एक विनीयन कंपनी / A Miniratna Company)
(भारत सरकार का उपक्रम / A Government of India Undertaking)

महाप्रबंधक का कार्यालय

पश्चिमी झरिया क्षेत्र

पो: मुनिडीह, जिला: धनबाद (झारखंड) - 828129

फोन नं: 0326-2273445; ई-मेल: gmwj.bocl@coalindia.in PH: 0326-2273445; E-Mail: gmwj.bocl@coalindia.in

Office of the General Manager
WESTERN JHARIA AREA

PO: MOONIDIH, DISTT. DHANBAD (JHARKHAND) - 828129

सन्दर्भ:- 954 (H)

दिनांक: 08/7/23

सेवा में,
मुखिया जी,
बरदुभी पंचायत,
अंचल-पुटकी
धनबाद । पिन- 828129

विषय:- "Jharia CBM Block-I" परियोजना के लिए पर्यावरण स्वीकृति (Environmental Clearance) को लेकर सूचनापत्र ।

आदरणीय मुखिया जी,

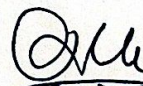
भारत कोकिंग कोल लिमिटेड, पश्चिमी झरिया क्षेत्र आपको ये सूचित करना चाहता है की झरिया "Jharia CBM Block-I" परियोजना को पर्यावरण स्वीकृति फाइल संख्या-EC/SEIAA/2023-24/2842/2023 दिनांक 19 जून 2023 द्वारा प्राप्त हुई है। पर्यावरण स्वीकृति दस्तावेज़ की प्रतिलिपि आपके लिए इस पत्र के साथ भेजी जा रही है।

आपसे अनुरोध है की पर्यावरण स्वीकृति दस्तावेज़ के पृष्ठ संख्या 13 के सामान्य शर्तें (i) (General Conditions no. (i)) का अनुपालन करने की कृपा करें।

धन्यवाद,

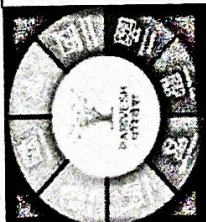
संलग्न – Environmental Clearance (EC) Copy of Jharia CBM Block-I.

भवदीय


8-7-2023
महाप्रबंधक,
पश्चिमी झरिया क्षेत्र

संलग्न 1
14/07/2023

1/07/23



Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment
Authority(SEIAA), Jharkhand)

To,

The GM
BHARAT COKING COAL LIMITED
Office of General Manager WJ Area -828129

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity
under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC)
in respect of project submitted to the SEIAA vide proposal number
SIA/JH/IND2/265252/2022 dated 19 May 2023. The particulars of the environmental
clearance granted to the project are as below.

1. EC Identification No.	EC23B002JH117772
2. File No.	EC/SEIAA/2023-24/2842/2023
3. Project Type	New
4. Category	B2
5. Project/Activity including Schedule No.	1(b) Offshore and onshore oil and gas exploration, development & production
6. Name of Project	JHARIA CBM BLOCK I
7. Name of Company/Organization	BHARAT COKING COAL LIMITED
8. Location of Project	Jharkhand
9. TOR Date	N/A

The project details along with terms and conditions are appended herewith from page
no 2 onwards.

Date: 19/06/2023

(e-signed)
Ashok Kumar, IFS
Member Secretary
SEIAA - (Jharkhand)

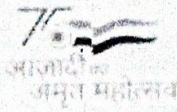
*Note: A valid environmental clearance shall be one that has EC identification
number & E-Sign generated from PARIVESH. Please quote identification
number in all future correspondence.*

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Hatai



Bharat Coking Coal Limited



भारत कोकिंग कोल लिमिटेड
(कोल इण्डिया लिमिटेड की एक अनुवर्ती कंपनी)
Bharat Coking Coal Limited
(A Subsidiary of Coal India Limited)
(एक विनीयन कंपनी - A Miniratna Company)
(भारत सरकार का उद्यम - A Government of India Undertaking)

महाप्रबंधक का कार्यालय

पश्चिमी झरिया क्षेत्र

पो: मुनिडीह, जिला: धनबाद (झारखंड) - 828129

फोन नं: 0326-2273445; ई-मेल: gmwj.bocl@coalindia.in PH: 0326-2273445; E-Mail: gmwj.bocl@coalindia.in

Office of the General Manager
WESTERN JHARIA AREA

PO: MOONIDIH, DIST: DHANBAD (JHARKHAND) - 828129

सन्दर्भ:- 952 (H)

दिनांक: 08/7/23

सेवा में,
मुखिया जी,
पेटीया पंचायत,
अंचल-पुटकी
धनबाद । पिन- 828129

विषय:- "Jharia CBM Block-I" परियोजना के लिए पर्यावरण स्वीकृति (Environmental Clearance) को लेकर सूचनापत्र ।

आदरणीय मुखिया जी,

भारत कोकिंग कोल लिमिटेड, पश्चिमी झरिया क्षेत्र आपको ये सूचित करना चाहता है की झरिया "Jharia CBM Block-I" परियोजना को पर्यावरण स्वीकृति फाइल संख्या-EC/SEIAA/2023-24/2842/2023 दिनांक 19 जून 2023 द्वारा प्राप्त हुई है। पर्यावरण स्वीकृति दस्तावेज़ की प्रतिलिपि आपके लिए इस पत्र के साथ भेजी जा रही है।

आपसे अनुरोध है की पर्यावरण स्वीकृति दस्तावेज़ के पृष्ठ संख्या 13 के सामान्य शर्तें (i) (General Conditions no. (i)) का अनुपालन करने की कृपा करें।

धन्यवाद,

संलग्न - Environmental Clearance (EC) Copy of Jharia CBM Block-I.

Hand By
25/7/2023

भवदीय

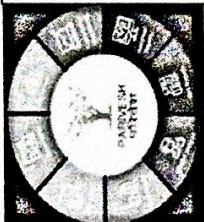
8-7-2023
महाप्रबंधक,
पश्चिमी झरिया क्षेत्र

७८

ENVIRONMENTAL
CLEARANCE

PARIVESH

(Pro-Active and Responsive Facilitation by Interactive,
and Virtuous Environmental Single-Window Hub)



Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment
Authority(SEIAA), Jharkhand)

To,

The GM
BHARAT COKING COAL LIMITED
Office of General Manager WJ Area -828129

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/JH/IND2/265252/2022 dated 19 May 2023. The particulars of the environmental clearance granted to the project are as below.

1. EC Identification No.	EC23B002JH117772
2. File No.	EC/SEIAA/2023-24/2842/2023
3. Project Type	New
4. Category	B2
5. Project/Activity including Schedule No.	1(b) Offshore and onshore oil and gas exploration, development & production
6. Name of Project	JHARIA CBM BLOCK I
7. Name of Company/Organization	BHARAT COKING COAL LIMITED
8. Location of Project	Jharkhand
9. TOR Date	N/A

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 19/06/2023

(e-signed)
Ashok Kumar, IFS
Member Secretary
SEIAA - (Jharkhand)

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH. Please quote identification number in all future correspondence.

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बीसीसीएल
BCCL

Bharat Coking Coal Limited



भारत कोकिंग कोल लिमिटेड
Bharat Coking Coal Limited
(A Subsidiary of Coal India Limited)
(एक विद्यमान कंपनी - A Miniratna Company)
(भारत सरकार का उपक्रम - A Government of India Undertaking)

महाप्रबंधक का कार्यालय

पश्चिमी झरिया क्षेत्र

पो: मुनिडीह, जिला: धनबाद (झारखंड) - 828129

फोन नं: 0326-2283445; ई-मेल: gmwj.bocl@coalindia.in PH: 0326-2273445; E-Mail: gmwj.bocl@coalindia.in

Office of the General Manager
WESTERN JHARIA AREA

PO MOONIDIH, DISTT DHANBAD (JHARKHAND) - 828129

सन्दर्भ:- 950 (H)

दिनांक: 08/7/23

सेवा में,
मुखिया जी,
दुबराजडीह पंचायत,
अंचल-पुटकी
धनबाद । पिन- 828129

विषय:- "Jharia CBM Block-I" परियोजना के लिए पर्यावरण स्वीकृति (Environmental Clearance) को लेकर सूचनापत्र ।

आदरणीय मुखिया जी,

भारत कोकिंग कोल लिमिटेड, पश्चिमी झरिया क्षेत्र आपको ये सूचित करना चाहता है की झरिया "Jharia CBM Block-I" परियोजना को पर्यावरण स्वीकृति फाइल संख्या-EC/SEIAA/2023-24/2842/2023 दिनांक 19 जून 2023 द्वारा प्राप्त हुई है। पर्यावरण स्वीकृति दस्तावेज़ की प्रतिलिपि आपके लिए इस पत्र के साथ भेजी जा रही है।

आपसे अनुरोध है की पर्यावरण स्वीकृति दस्तावेज़ के पृष्ठ संख्या 13 के सामान्य शर्तें (i) (General Conditions no. (i)) का अनुपालन करने की कृपा करें।

धन्यवाद,

संलग्न - Environmental Clearance (EC) Copy of Jharia CBM Block-I.

हापत किया 3429216
10/07/2023

भवदीय


08-7-2023

महाप्रबंधक,
पश्चिमी झरिया क्षेत्र





Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment
Authority(SEIAA), Jharkhand)

To,

The GM
BHARAT COKING COAL LIMITED
Office of General Manager WJ Area -828129

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity
under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC)
in respect of project submitted to the SEIAA vide proposal number
SIA/JH/IND2/265252/2022 dated 19 May 2023. The particulars of the environmental
clearance granted to the project are as below.

1. EC Identification No.	EC23B002JH117772
2. File No.	EC/SEIAA/2023-24/2842/2023
3. Project Type	New
4. Category	B2
5. Project/Activity including Schedule No.	1(b) Offshore and onshore oil and gas exploration, development & production
6. Name of Project	JHARIA CBM BLOCK I
7. Name of Company/Organization	BHARAT COKING COAL LIMITED
8. Location of Project	Jharkhand
9. TOR Date	N/A

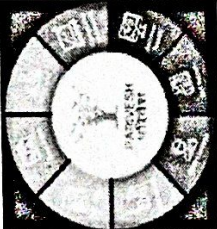
The project details along with terms and conditions are appended herewith from page
no 2 onwards.

Date: 19/06/2023

(e-signed)
Ashok Kumar, IFS
Member Secretary
SEIAA - (Jharkhand)

*Note: A valid environmental clearance shall be one that has EC identification
number & E-Sign generated from PARIVESH. Please quote identification
number in all future correspondence.*

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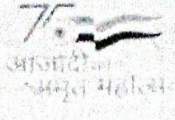
344 1218

10/07/2023



बीसीसीएल
BCCL

Bharat Coking Coal Limited



भारत कोकिंग कोल लिमिटेड
(कोल इण्डिया लिमिटेड की एक अनुसूची कंपनी)
Bharat Coking Coal Limited
(A Subsidiary of Coal India Limited)
(एक विनियमन कंपनी - A Miniratna Company)
(भारत सरकार का उपक्रम - A Government of India Undertaking)

महाप्रबंधक का कार्यालय

पश्चिमी झरिया क्षेत्र

पो: मुनिडीह, जिला: धनबाद (झारखंड) - 828129

फोन नं: 0326-2203445; ई-मेल: gmwj.bocl@coalindia.in PH: 0326-2273445; E-Mail: gmwj.bocl@coalindia.in

Office of the General Manager
WESTERN JHARIA AREA

PO: MOONIDIH, DISTT DHANBAD (JHARKHAND) - 828129

सन्दर्भ:- 948(H)

दिनांक: 08/7/23

सेवा में,

अंचल अधिकारी

अंचल-पुटकी

धनबाद । पिन- 828129

विषय:- "Jharia CBM Block-I" परियोजना के लिए पर्यावरण स्वीकृति (Environmental Clearance) को लेकर सूचनापत्र ।

महोदया,

भारत कोकिंग कोल लिमिटेड, पश्चिमी झरिया क्षेत्र आपको ये सूचित करना चाहता है की झरिया "Jharia CBM Block-I" परियोजना को पर्यावरण स्वीकृति फाइल संख्या-EC/SEIAA/2023-24/2842/2023 दिनांक 19 जून 2023 द्वारा प्राप्त हुई है।

पर्यावरण स्वीकृति दस्तावेज़ की प्रतिलिपि आपकी जानकारी लिए इस पत्र के साथ भेजी जा रही है।

सधन्यवाद,

संलग्न - Environmental Clearance (EC) Copy of "Jharia CBM Block-I".

भवदीय

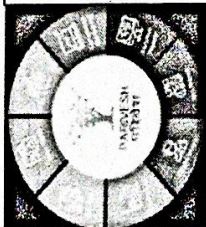
प्राप्त कि.म.
Sadar
13.07.23

8-7-2023
महाप्रबंधक,
पश्चिमी झरिया क्षेत्र

ENVIRONMENTAL
CLEARANCE

PARIVESH

(Pro-Active and Responsive Facilitation by Interactive,
and Virtuous Environmental Single-Window Hub)



Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment
Authority(SEIAA), Jharkhand)

To,

The GM
BHARAT COKING COAL LIMITED
Office of General Manager WJ Area -828129

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/JH/IND2/265252/2022 dated 19 May 2023. The particulars of the environmental clearance granted to the project are as below.

1. EC Identification No.	EC23B002JH117772
2. File No.	EC/SEIAA/2023-24/2842/2023
3. Project Type	New
4. Category	B2
5. Project/Activity including Schedule No.	1(b) Offshore and onshore oil and gas exploration, development & production
6. Name of Project	JHARIA CBM BLOCK I
7. Name of Company/Organization	BHARAT COKING COAL LIMITED
8. Location of Project	Jharkhand
9. TOR Date	N/A

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 19/06/2023

(e-signed)
Ashok Kumar, IFS
Member Secretary
SEIAA - (Jharkhand)

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH. Please quote identification number in all future correspondence.

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महाप्रबंधक का कार्यालय
पश्चिमी झरिया क्षेत्र

पो: मुनिडीह, जिला: धनबाद (झारखंड) - 828129
फोन नं: 0326-2273445; ई-मेल: gmwj.bcci@coalindia.in

Office of the General Manager
WESTERN JHARIA AREA

PO: MOONIDIH, DISTT: DHANBAD (JHARKHAND) - 828129
PH: 0326-2273445; E-Mail: gmwj.bcci@coalindia.in

सन्दर्भ:- 947 (H)

दिनांक: 08/7/23

सेवा में,
प्रखंड विकास पदाधिकारी (BDO)
धनबाद। पिन- 828129

विषय:- "Jharia CBM Block-I" परियोजना के लिए पर्यावरण स्वीकृति (Environmental Clearance) को लेकर सूचनापत्र।

महोदय,

भारत कोकिंग कोल लिमिटेड, पश्चिमी झरिया क्षेत्र आपको ये सूचित करना चाहता है की झरिया "Jharia CBM Block-I" परियोजना को पर्यावरण स्वीकृति फाइल संख्या-EC/SEIAA/2023-24/2842/2023 दिनांक 19 जून 2023 द्वारा प्राप्त हुई है।

पर्यावरण स्वीकृति दस्तावेज़ की प्रतिलिपि आपकी जानकारी लिए इस पत्र के साथ भेजी जा रही है।

सधन्यवाद,

संलग्न - Environmental Clearance (EC) Copy of "Jharia CBM Block-I".

भवदीय


8-7-2023
महाप्रबंधक,
पश्चिमी झरिया क्षेत्र



Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment
Authority(SEIAA), Jharkhand)

To,

The GM
BHARAT COKING COAL LIMITED
Office of General Manager WJ Area -828129

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity
under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC)
in respect of project submitted to the SEIAA vide proposal number
SIA/JH/IND2/265252/2022 dated 19 May 2023. The particulars of the environmental
clearance granted to the project are as below.

1. EC Identification No.	EC23B002JH117772
2. File No.	EC/SEIAA/2023-24/2842/2023
3. Project Type	New
4. Category	B2
5. Project/Activity including Schedule No.	1(b) Offshore and onshore oil and gas exploration, development & production
6. Name of Project	JHARIA CBM BLOCK I
7. Name of Company/Organization	BHARAT COKING COAL LIMITED
8. Location of Project	Jharkhand
9. TOR Date	N/A

The project details along with terms and conditions are appended herewith from page
no 2 onwards.

Date: 19/06/2023

(e-signed)
Ashok Kumar, IFS
Member Secretary
SEIAA - (Jharkhand)

*Note: A valid environmental clearance shall be one that has EC identification
number & E-Sign generated from PARIVESH. Please quote identification
number in all future correspondence.*

This is a computer generated cover page.

