

**Six Monthly (DECEMBER- 2023) Compliance Report for Period from April 2023 to September 2023 for the proposed expansion of the existing cement grinding unit from 0.072 MTPA to 1.45 MTPA through up gradation/modification of the existing plant and by installation of 3 X 600 TPD + 1 X 200 TPD ball mill and 1 X 2000 TPD VRM in the existing premises at Village-Gokulpur, P.O-Shyamraipur, P.S-Kharagpur (L), District-Paschim Medinipur, West Bengal by M/s. Orissa Metallurgical Industry Private Limited**

1 message

ORISSA METALLURGICAL PRIVATE LIMITED <orissametallurgicalpvtltd@gmail.com>

Mon, Nov 27, 2023 at 3:14 PM

To: iro.kolkata-mefcc@gov.in, sp.quazi@gov.in, roez.bsr-mef@nic.in, ms@wbpcb.gov.in, wbpcbnet@wbpcb.gov.in  
Bcc: Biswanath Sharma <biswanath@rashmigroup.com>, Bijayen Srivastava <bijayen.srivastava@rashmigroup.com>, ompl1.environment@rashmigroup.co.in

Dear Sir,

With reference to the subject mentioned above, we would like to state that Scheme of compromise, arrangement or merger for transfer of Bansal Cement Private Limited (Transferor Company) and Chaudhary Udyog Private Limited (Transferor Company) with Orissa Metallurgical Industry Private Limited (Transferee Company) has been approved by Regional Director (Easter Region) Ministry of Corporate Affair, Govt. of India on vide Order No. RD/T/35859/S-233/22/8621 dated 22<sup>nd</sup> December 2022, pursuant to Section 233 Companies Act 2013 and Rule 25 (5) of companies (Compromise, Arrangement & Amalgamations) Rules, 2016.

So, all the environment clearance transferred from Ms. Bansal Cement Private Limited to M/s. Orissa Metallurgical Industry Private Limited by SEIAA West Bengal vide memo no-820/EN-II-1/045/2017 dated 27<sup>th</sup> April 2023.

Also Consent to Establish & Consent to operate transferred in name of M/s Orissa Metallurgical Industry Private Limited by competent authority.

As per Environment Clearance, Specific as well as General Condition wise status report along with monitoring data for the environmental parameters is enclosed for your kind perusal. We assured that we will comply with all the conditions laid down in the consent letter and also abide by all Rules & Regulations.

Hope you will find the same in order.

Thanking you.

Yours Faithfully

With Warm Regards,  
**Authorised Signatory**

**M/s. Orissa Metallurgical Industry Private Limited**  
**(Previously Bansal Cement Private Limited)**

**Room No. 3B, 1 Garstin Place, Kolkata-700001, West Bengal**

**Mbl. No-7044070948**

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 **EC Compliance.pdf**  
13780K

Your application has been **Submitted** with following details

<b>Proposal No</b>	SIA/WB/IND/23392/2017
<b>Compliance ID</b>	26104173
<b>Compliance Number(For Tracking)</b>	EC/M/COMPLIANCE/26104173/2023
<b>Reporting Year</b>	2023
<b>Reporting Period</b>	01 Dec(01 Apr - 30 Sep)
<b>Submission Date</b>	27-11-2023
<b>IRO Name</b>	ARTATRANA MISHRA
<b>IRO Email</b>	jhk109@ifs.nic.in
<b>State</b>	WEST BENGAL
<b>IRO Office Address</b>	Budgam

**Note:-** SMS and E-Mail has been sent to ARTATRANA MISHRA, WEST BENGAL with Notification to Project Proponent.


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## View Compliance Report at Project Proponent

### Proposal Details

<b>Proposal No</b>	SIA/WB/IND/23392/2017	<b>Category</b>	Industrial Projects - 1
<b>Proposal Name</b>	Expansion of the existing cement grinding unit from 0.072 MTPA to 1.45 MTPA through up gradation/modification of the existing plant and by installation of 3 X 600 TPD + 1 X 200 TPD ball mill and 1 X 2000 TPD VRM in the existing premises		
<b>Plot / Survey/ Khasra No.</b>		<b>Village(s)</b>	
<b>Sub-District(s)</b>			
<b>State</b>	WEST BENGAL	<b>District</b>	MEDINIPUR?WEST
<b>MoEF File No</b>	EC No- 3310/EN/T-II-1/045/2017	<b>Name of the Entity/ Corporate Office</b>	expansion of the existing cement grinding unit from 0.072 MTPA to 1.45 MTPA through up gradation/modification of the existing plant and by installation of 3 X 600 TPD + 1 X 200 TPD ball mill and 1 X 2000 TPD VRM in the existing premises
<b>Entity's PAN</b>	NA		
<b>Entity Name as per PAN</b>	NA	<b>Entity details mentioned above is correct ?</b>	Agree

### Covering Letter

**Covering Letter** [Click to View](#)

### Compliance Reporting Details

<b>Reporting Year</b>	2023	<b>Reporting Period</b>	01 Dec(01 Apr - 30 Sep)
<b>Remark(if any)</b>	Compliance Report for Period from April 2023 to September 2023 for the proposed expansion of the existing cement grinding unit from 0.072 MTPA to 1.45 MTPA through up gradation/modification of the existing plant and by installation of 3 X 600 TPD + 1 X 200 TPD ball mill and 1 X 2000 TPD VRM		

### Details of Production and Project Area

Date of 10-02-1995

**Commencement  
of  
Project/Activity**

	Project Area as per EC Granted(ha.)	Actual Project Area in Possession(ha.)
Private	3.64	3.64
Revenue Land	0	0
Forest	0	0
Others	0	0
Total	3.64	3.64

**PRODUCTION CAPACITY**

Sr.No.	Name of the Product	Units	As per EC Granted	As per CTO Granted	CTO ID	Valid Up To	Production during last financial year
1	CEMENT (PPC/OPC/PSC/COMPOSITE)	Tons per Annum (TPA)	1450000	594000	CO113613; CO144021	31-12-2026	OPC-389.75 TPA; PSC-13205 TPA & PPC-4210 TPA

**Conditions**

**Specific Conditions**

Sr.No.	Condition Type	Condition Details	Status of Compliance,Remarks/Reason and Supporting Documents	
1	AIR QUALITY MONITORING AND PRESERVATION	The gaseous emissions from various process units should conform to the load/mass based standards prescribed by the Ministry of Environment & Forests and the State Pollution Control Board from time to time. At no time the emission level should go beyond the prescribed standards.	PPs Submission	We are regularly monitoring the stack emission for Ball Mill, Coal fired dryers, packing section, raw materials section etc. by WBPCB/ NABL/ MoEF accredited laboratory in time bound manner. Latest Stack report is enclosed. Being Complied Attachment: <a href="#">Click to View</a>
			PPs Submission	Also, as per CPCB guidelines OCEMS (Particular Matter) is installed at major stack and data is continuously being transferred to CPCB server. Six monthly data of OCEMS is enclosed . Being Complied Attachment: <a href="#">Click to View</a>

2	AIR QUALITY MONITORING AND PRESERVATION	<p>Cement grinding shall be carried out in cement vertical roller mill/roller press. Provision of dust extraction and pollution control systems along with minimum stack height of 35 m from G.L. should be made for control of emission. Adequate control measures like installation of Bag Filters, Dry Fog Dust Suppression system, water sprinkler, Dust Extraction system, and stack of adequate height at relevant points shall be made. Stack emissions shall be monitored at regular intervals and records maintained. The stack emission should not exceed 30 mg/Nm<sup>3</sup>.</p>	PPs Submission	<p>The construction work of the proposed 1 x 2000 TPD VRM project has not been started yet. At the time of construction and operation of the VRM, APC devices having adequate capacity will be installed and steps will be taken to monitor and maintain the emission level as per standards. Agreed to Comply Attachment: NA</p>
3	AIR QUALITY MONITORING AND PRESERVATION	<p>Regular monitoring of the ambient air quality shall be carried out in and around the plant and records shall be maintained. All care to be taken to maintain the ambient air quality standards as per GSR 826(E) dated 16.11.2009. At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub> and NO<sub>2</sub> are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to the SEIAA and the SPCB once in six months</p>	PPs Submission	<p>after taking into consideration the interest and financial share cost from associate company of the Group, for monitoring the Ambient Air quality around industrial units of the Group, 04 nos. Continuous Ambient Air Quality Monitoring Station (USEPA/ MCERT approved) are installed covering upwind, downwind and crosswind directions after getting site approval from WBPCB. CAAQMS is enclosed. Also, 01 Nos. online ambient air quality monitoring stations using High quality laser sensors, calibrated individually for Indian conditions against BAM (Beta attenuation monitor) have been installed at plant main gate for online monitoring of PM<sub>10</sub> &amp; PM 2.5. Agreed to Comply Attachment: <a href="#">Click to View</a></p>
			PPs Submission	<p>Ambient Air Quality Monitoring (AAQM) is being done on regular basis by WBPCB/ MoEF&amp;CC/ NABL accredited laboratories. M/s Greenvision,</p>

				West Bengal which is NABL/ WBPCB accredited laboratory has done the analysis. The analysis data as per report for month of September 2023. Latest AAQM reports are attached Being Complied Attachment: <a href="#">Click to View</a>
4	AIR QUALITY MONITORING AND PRESERVATION	Finished cement should be collected in silo and packaging should be done through pneumatically controlled system. Suction system should be installed at packaging section to minimize fugitive emission.	PPs Submission	05 Nos. cement silo of adequate capacity is there for current operational 2 x 100 + 1 x 200 + 2 x 600 TPD ball mill-based cement grinding unit. The pneumatically controlled system is installed and bag filter of adequate capacity with stack of adequate height is there with 04 no?'s packing section. To control fugitive emission at packaging section adequate suction system is in place. Being Complied Attachment: NA
5	AIR QUALITY MONITORING AND PRESERVATION	All vibrating screens, storage bins will be adequately covered. Covered storage yards shall be provided for raw materials. Closed unloading of raw materials and closed conveyor belt for transportation with bag filter at transfer points should be provided. Suction head should be provided at all transfer points	PPs Submission	For current operational plant all vibrating screens, storage bins are adequately covered. Covered storage yards are provided for raw materials. Closed unloading of raw materials and closed conveyor belt for transportation with bag filter at transfer points is provided. Suction head is provided at all transfer points. Same practice will be adopted for proposed new cement grinding units (1 x 2000 TPD 1 x 600 TPD Ball Mill). Being Complied Attachment: NA
6	AIR QUALITY MONITORING AND PRESERVATION	Adequate dust suppression and extraction system should be provided in material storage areas, material unloading and transfer points for controlling fugitive emission. Fugitive dust emissions from ball mill and storage areas shall be collected in bag filters and recycled back to the	PPs Submission	Fugitive Air Quality Monitoring at four location viz. Ball Mill Area 1, 2 & 3, Packing Section, Truck Parking Area and Raw Material Handling Area by third party monitoring agency M/s Greenvision, West Bengal, which is NABL/ WBPCB accredited laboratory. Fugitive emissions were monitored in month of September 2023. Fugitive reports are attached.

		process. Water sprinkling arrangement shall be made in the raw material stock yards and other high dust potential areas.		Being Complied Attachment: <a href="#">Click to View</a>
			PPs Submission	For current operation plant adequate dust suppression and extraction system are provided in material storage areas, material unloading and transfer points for controlling fugitive emission and the dust from APC devices are collected and reused in the process. Being Complied Attachment: NA
7	Statutory compliance	Water required for proposed expansion shall be met from ground water supply as proposed. Groundwater shall be abstracted as per permission of the competent authority as per The West Bengal Ground Water Resources (Management, Control and Regulation) Act, 2005	PPs Submission	Water requirement for complete project is 23 KLD. Bansal Cement Private Limited has already obtained 80 KLD Ground water withdrawal permission from State Water Investigation Department (SWID), West Bengal. Being Complied Attachment: NA
8	Statutory compliance	Process effluent discharge is not permitted. No liquid effluent shall be generated by adoption of dry grinding process.	PPs Submission	The management of OMIPL. is having dry grinding process and the current operational plant has been designed as "Zero" discharge concept and it is being ensured by top management on regular basis. Same practice will be adopted for the proposed new units (1 x 2000 TPD VRM & 1 x 600 TPD Ball Mill). Being Complied Attachment: NA
9	AIR QUALITY MONITORING AND PRESERVATION	Clinker manufacturing / heating is not permitted under this environmental clearance. Clinker and fly ash shall be stored in the closed silos and gypsum in covered shed.	PPs Submission	Clinker and gypsum are stored under covered shed and fly ash is stored in Silo. Being Complied Attachment: NA
10	Statutory compliance	All the bag filter dust, raw meal dust, coal dust, clinker dust and	PPs Submission	100 % APC Dust is recycled in the operational plant. Waste oils

		<p>cement dust from pollution control devices should be recycled and reused in the process used for cement manufacturing. Spent oil and batteries should be sold to authorized recyclers / re-processors only. Hazardous waste generated to be disposed of as per provisions of hazardous and Other wastes (Management and Trans boundary Movement) rules, 2016.</p>		<p>and cotton/ jute containing oil generated from operational plants are sent to WBPCB Authorized vendor as per HZWM Rule 2016. Damaged bag filters are sent to WBPCB Authorized CHWTSDF Being Complied Attachment: NA</p>
11	WATER QUALITY MONITORING AND PRESERVATION	<p>Adequate provisions should be made for harvesting rainwater. The harvested rain water should be used for plantation, firefighting, washing and cleaning etc. Recharging ground water is not permitted.</p>	PPs Submission	<p>The management of OMIPL has developed rainwater harvesting structure in the area of 600 square meters. The harvested water is used inside the plant for Green belt development and dust suppression. Being Complied Attachment: NA</p>
12	AIR QUALITY MONITORING AND PRESERVATION	<p>Asphalting/concreting of roads and water spray all around the stockyard and loading/unloading areas in the cement plant shall be carried out to control fugitive emissions. Regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of PM10 and PM2.5 such as haul road, loading and unloading points, transfer points and other vulnerable areas. It shall be ensured that the ambient air quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.</p>	PPs Submission	<p>This project is an expansion project at existing plant premises. Maximum internal roads are concreted and remaining road will be done asphalting/concreting in continuation with the implementation of the project. Preventive measures are taken to reduce fugitive emissions from all the vulnerable sources like: ? Water sprinklers/ water gun at dedicated emission sources like haul road, loading and unloading points, transfer points and other vulnerable areas. ? Pneumatic conveying system with Belt Conveyors by C G I (corrugated galvanized iron) sheet in all sides to prevent the Fugitive emission ? Raw Materials are stored in covered area. ? One number of dedicated water spraying tankers is in use. ? Engaged dedicated Housekeeping team with proper training and control. ? Development of Green Belt in and around plant area. Ambient</p>



				Air Quality Monitoring is done by NABL/MOEF accredited laboratory at regular intervals to monitor and check the AAQM with prescribed limit. Being Complied Attachment: NA
13	MISCELLANEOUS	Proper lighting and proper pathway inside the factory premises should be constructed to ensure safe vehicular movement. Provision of separate pathway for entry and exit of vehicles should be considered. Vehicles should conform to pollution under control (PUC) norms. Proper housekeeping shall be maintained within the premises.	PPs Submission	This project is an expansion project at existing plant premises. The current status of the existing premises is: ? Adequate lighting facilities are provided in factory premises. ? 01 no mechanical street swiping machine is used continuously to maintain the proper housekeeping practice. ? Vehicle having valid PUC certificates area allowed to enter in the plant premises. Provision of separate pathway for entry and exit of vehicles is there Being Complied Attachment: NA
14	Human Health Environment	Health and safety of workers should be ensured. Workers should be provided with adequate personnel protective equipment and sanitation facilities. Occupational Health Surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	PPs Submission	Adequate personnel protective equipment and sanitation facilities are provided to workers and occupational health surveillance of the workers is being done on a regular basis and records maintained as per the Factories Act. Being Complied Attachment: NA
15	Risk Mitigation and Disaster Management	Adequate measures to be adopted to ensure industrial safety. Proper fire detection & protection systems to be provided to control fire and explosion hazards.	PPs Submission	Hydrants, medium velocity spray system, portable fire extinguishers of various capacities containing agents such as CO2, DCP etc. are located at strategic points of the plant to control fire and explosion hazards. Being Complied Attachment: NA
16	Statutory compliance	The implementation and monitoring of Environmental Management Plan	PPs Submission	Adequate funds have been deployed in CAPEX and OPEX and an itemised action plan has been drawn for implementing

		should be carried out, as proposed.		the stipulated conditions. Rs. 191.0 lakhs and Rs.19.1 lakhs towards capital cost and annual recurring cost deployed for implementing the environmental protection measures. The detail about the recurring cost on Environment Safeguard for current operational plant is: Being Complied Attachment: <a href="#">Click to View</a>
17	Corporate Environmental Responsibility	At least 2.5 % of the total cost of the project shall be earmarked towards the Enterprise Social Commitment (ESC) based on local needs and action plan with financial and physical break-up shall be prepared and submitted. Implementation of such program shall be ensured accordingly in a time bound manner.	PPs Submission	2.5 % of the Project Cost (112.5 Lakhs) has been earmarked for CSR towards the Enterprise Social Commitment. In the financial year 2023-24, till Sept. 2023 Rs. 2,50,000 being spent under CSR head. Being Complied Attachment: <a href="#">Click to View</a>
18	Statutory compliance	All the recommendations mentioned in the Corporate Responsibility for Environmental Protection (CREP) guidelines for Cement Plants shall be followed and complied.	PPs Submission	CREP being complied in time bound manner. Being Complied Attachment: <a href="#">Click to View</a>
19	Noise Monitoring & Prevention	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (night-time).	PPs Submission	Noise level has been monitored at two locations viz. Plant Main Gate, Amba Village, Ball Mill Area 1 & 2 & Ball Mill Area 3 by third party monitoring agency M/s. Greenvision, West Bengal which is NABL/ WBPCB accredited laboratory. Noise levels were monitored in month of September 2023. Noise Quality Monitoring reports are attached Being Complied Attachment: <a href="#">Click to View</a>

20	GREENBELT	Green belt shall be developed within the plant premises. At least 33% of the area should be kept for green belt development. At least 800 no. of trees to be planted. Indicative list of species is given at Annexure-1 There should not be any removal/destruction of vegetative cover both at the establishment as well as the operational stage, without the sanction of appropriate authority.	PPs Submission	Around 3.1 Acres land (35%) is earmarked for Green Belt development and is being developed. Already 35.0 % of the earmarked area has been developed as green belt. In the financial year 2023-2024 (Till September 2023), around 320 plants have been planted in and around the periphery of plant boundary for gap filling. Being Complied Attachment: <a href="#">Click to View</a>
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## General Conditions

Sr.No.	Condition Heading	Condition Details	Status of Compliance,Remarks/Reason and Supporting Documents	
1	Statutory compliance	The environmental clearance accorded shall be valid for a period of 7 years for the proposed project.	PPs Submission	As per Ministry O.M. issued vide File No.-1A3-22/28/2022-1A.111[E 181584] dated 13th December 2022, the validity of environment clearance is increased to 10 years and further extendable for another 01 year. Complied Attachment: NA
2	Statutory compliance	Prior Consent-to-Establish (NOC) for the proposed project must be obtained from WBPCB before commencement of construction. All other statutory clearances should be obtained by project proponent from the competent authorities.	PPs Submission	The Consent to Establish (NOC) permissions for expansion project were awarded by WBPCB vide NOC No.-159353, dated 07.01.2019; transfer of CTE vide NOC No- 180731 dated 17.05.2023 and configuration change vide memo no-290-2N-49/2017 (E) dated 02.06.2023. Consent to Operate (CTO) permission issued vide CO-113613 dated 28.10.2021 for Ball Mills 2 X 100 and 1 X 200 TPD; transfer of CTO vide memo no-118-242-WBP(HRO)-K/2001 dated 13.06.2023 and CTO for 2

				X600 TPD Ball Mill vide CO-144021 dated 18.08.2023. Complied Attachment: NA
3	Statutory compliance	All the conditions, liabilities and legal provisions contained in the EC shall be equally applicable to the successor management of the project in the event of the project proponent transferring the ownership, maintenance of management of the project to any other entity.	PPs Submission	Noted. Agreed to Comply Attachment: NA
4	Human Health Environment	Provision should be made for the supply of kerosene or cooking gas to the labourers during construction phase. All the labourers to be engaged for construction works should be screened for health and adequately treated before issue of work permits. Environmental sanitation should be ensured for the workers.	PPs Submission	Provision will be made for the supply of kerosene or cooking gas to the labourers. All the labourers to be engaged for construction works will be screened for health and adequately treated before issue of work permits. Environmental sanitation will be ensured for the workers. Agreed to Comply Attachment: NA
5	Statutory compliance	The project proponent should make financial provision in the total budget of the project for implementation of the environmental safeguards. The project authorities will provide requisite funds both recurring and non-recurring to implement the conditions stipulated by the SEIAA, West Bengal along with the implementation schedule for all the conditions stipulated herein. The funds so provided should not be diverted for any other purpose.	PPs Submission	Adequate fund provision (Rs 1.91 Crores capital cost & Rs 0.19 Crores Annual cost) is already being earmarked for environmental protection measures and will not be diverted to other purpose. Being Complied Attachment: NA
6	MISCELLANEOUS	The State Level Environment Impact Assessment Authority, West Bengal reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act. 1986, to ensure effective	PPs Submission	Noted. Agreed to Comply Attachment: NA

		implementation of the suggested safeguard measures in a time-bound and satisfactory manner.		
7	MISCELLANEOUS	<p>The project proponent should inform the public that the project has been accorded environmental clearance by the SEIAA, West Bengal and copies of the clearance letter are available with the state pollution Control Board /Committee and may also be seen at website of the SEIAA, West Bengal (<a href="http://environmentwb.gov.in">http://environmentwb.gov.in</a>).</p> <p>This should be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers are widely circulated in the region of which one shall be in the vernacular language of the locality concerned.</p>	PPs Submission	<p>Advertisement for environment clearance issued in name of Ms. Bansal Cement Private Limited is made, in two local newspapers that are widely circulated in the region are: ? Business Standard dated 06.10.2018 (English) ? Aajkal dated 06.10.2018 (Bengali) Copy of the same is submitted to competent authority vide EC compliance (Dec-2018), letter no- Bansal/ENV_COMP /DEC_2018 dated 23.12.2018. Advertisement for environment clearance transfer from Ms. Bansal Cement Private Limited to M/s. Orissa Metallurgical Industry Private Limited is made, in two local newspapers that are widely circulated in the region are: ? The Echo of India dated 29.04.2023 (English) ? Aajkal dated 29.04.2023 (Bengali) Copy of Transfer EC newspaper advertisement is enclosed Complied Attachment: <a href="#">Click to View</a></p>

8	MISCELLANEOUS	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. The criteria pollutant levels namely; PM10, PM2.5, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	PPs Submission	<p>? Compliance reports with monitoring results are uploaded on the company website  <a href="https://orissametaliks.com/qehs.php">https://orissametaliks.com/qehs.php</a></p> <p>? Emission levels of pollutants of different units is displayed on board as per CPCB format issued vide File no-B-29016 NGT/C-10/2020/ WM II/Div./ Dated 20th January 2020 outside the main gate of the plant for disclosure to the public and also uploaded on the website of the company. ? Electronic display board is installed at plant main gate and online stack emission data and AAQMS data is also being displayed.</p> <p>Being Complied Attachment: NA</p>
9	MISCELLANEOUS	The Project Authorities should inform the State Pollution Control Board as well as the SEIAA, West Bengal, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work/project implementation.	PPs Submission	<p>Private Company , no finance is needed from outside</p> <p>Being Complied Attachment: NA</p>
10	MISCELLANEOUS	The above stipulations would be enforced along with those under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Hazardous Wastes (Management, Handling and Tran boundary Movement) Rules, 2009, the Public Liability Insurance Act, 1991, the Environment Impact Assessment Notification 2006 and their amendments.	PPs Submission	<p>Noted.</p> <p>Agreed to Comply Attachment: NA</p>
11	MISCELLANEOUS	The West Bengal Pollution Control Board, who would be monitoring the implementation of environmental safeguards, should be given full cooperation, facilities and documents / data by the project proponents during their inspection. A six monthly compliance report and the monitored data along with	PPs Submission	<p>The last monitoring reports are submitted with compliance report for the period October 2022 to March 2023 submitted vide letter no.- Bansal/ENV_COMP / DECEMBER-2022 dated 26.05.2023 In compliance to this point this report is being submitted</p>

		statistical interpretation shall be submitted to the WBPCB regularly. A complete set of all the documents should also be forwarded to the State Level Environment Impact Assessment Authority, West Bengal and to Regional office of Ministry of Environment, Forests & Climate Change, Bhubaneswar.		Being Complied Attachment: NA
12	MISCELLANEOUS	No further expansion or modifications in the plant should be carried out without prior approval of the State Level Environment Impact Assessment Authority, West Bengal. In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by the SEIAA, West Bengal.	PPs Submission	In compliance to this point, Transfer of Environmental Clearance is obtained from SEIAA West Bengal vide memo no-820/EN-II-1/045/2017 dated 27th April 2023 and intimation for change in configuration of plant during project execution on parivesh portal under clause 7 (II) C notification of MoEF&CC vice S.O. 980(E) dated 02.03.2021 Copy of Transfer EC and intimation for change in configuration is enclosed Complied Attachment: <a href="#">Click to View</a>
13	Corporate Environmental Responsibility	The project proponent shall comply with all the environmental protection measures and safeguards recommended in the EIA/EMP. Further, the unit must undertake socio-economic development activities in the surrounding villages like community development programs, educational programs, drinking water supply, sanitation program for local school and health care etc.	PPs Submission	All the commitments and recommendations made in the EIA/EMP report, undertaking socio-economic development activities in the surrounding villages under CSR head are carried in time bound manner. In the financial year 2023-24, till September 2023 Rs.2, 50,000 are being spent under CSR head. Being Complied Attachment: NA

## Document Upload

**Last Site Visit Report (if available)** NA  
**Additional Attachment (if any)** [Click to View](#)

**Last Site Visit Report Date (if available)** 02-02-2021

**Additional Remarks (if any)**

- I 'expansion of the existing cement grinding unit from 0.072 MTPA to 1.45 MTPA through up gradation/modification of the existing plant and by installation of 3 X 600 TPD + 1 X 200 TPD ball mill and 1 X 2000 TPD VRM in the existing premises' hereby give undertaking that the data and information given in the filed compliance and enclosures are true to be best of my knowledge and belief and I am aware that if any part of the data and information found to be false or misleading at any stage, the clearance given to the project will be revoked at our risk and cost. In addition to above, I hereby give undertaking that no activity such as change in project layout, construction, expansion, etc. has been taken up without due approval.

**Cover Letter From IRO**

**Cover Letter From IRO**      NA

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Ref. OMIPL (Cement)/ENV\_COMP / DECEMBER\_2023

Date: 27.11.2023

To,

**The Member Secretary**

**West Bengal Pollution Control Board, Parivesh Bhawan,  
10A Block – LA, Sector – III, Kolkata – 700091**

**Sub. Six Monthly (DECEMBER- 2023) Compliance Report** for Period from April 2023 to September 2023 for the proposed expansion of the existing cement grinding unit from 0.072 MTPA to 1.45 MTPA through up gradation/modification of the existing plant and by installation of 3 X 600 TPD + 1 X 200 TPD ball mill and 1 X 2000 TPD VRM in the existing premises at Village-Gokulpur, P.O-Shyamraipur, P.S-Kharagpur (L), District-Paschim Medinipur, West Bengal by M/s. Orissa Metallurgical Industry Private Limited.

**Ref:** - EC No- 3310/EN/T-II-1/045/2017; Dated 03.10.2018; memo no- 820/EN-II-1/045/2017 dated 27<sup>th</sup> April 2023 and intimation for change in configuration vide proposal no-SW/2560/2023 on parivesh portal under clause 7 (II) C notifications of MoEF&CC vice S.O. 980(E) dated 02.03.2021

Dear Sir,

With reference to the subject mentioned above, we would like to state that Scheme of compromise, arrangement or merger for transfer of Bansal Cement Private Limited (Transferor Company) and Chaudhary Udyog Private Limited (Transferor Company) with Orissa Metallurgical Industry Private Limited (Transferee Company) has been approved by Regional Director (Easter Region) Ministry of Corporate Affairs, Govt. of India on vide Order No. RD/T/35859/S-233/22/8621 dated 22<sup>nd</sup> December 2022, pursuant to Section 233 Companies Act 2013 and Rule 25 (5) of companies (Compromise, Arrangement & Amalgamations) Rules, 2016.

So, according all the environment clearance transferred from Ms. Bansal Cement Private Limited to M/s. Orissa Metallurgical Industry Private Limited by SEIAA West Bengal vide memo no-820/EN-II-1/045/2017 dated 27<sup>th</sup> April 2023.

Also Consent to Establish & Consent to operate transferred in name of M/s Orissa Metallurgical Industry Private Limited by competent authority.

As per Environment Clearance, Specific as well as General Condition wise status report along with monitoring data for the environmental parameters is enclosed for your kind perusal. We assured that we will comply all the conditions laid down in the consent letter and also abide by all Rules & Regulations.

Hope you will find the same in order.

Thanking you.

Yours Faithfully,

For, **M/s. Orissa Metallurgical Industry Private Limited**  
*(Previously M/s. Bansal Cement Private Limited)*

**Authorized Signatory**

*Director / Authorized Signatory*

CC:

1. **The Member Secretary, SEIAA, Govt. of West Bengal, 5<sup>th</sup> Floor, Praneesampad Bhawan, Block LB-II, Salt lake, Sector-III, Bidhannagar, Kolkata-700106**
2. **Regional Office, Ministry of Environment, Forests & Climate Change, Bhubaneswar A/3 Chandersekharpur, Bhubaneswar – 751023, Odisha**
3. **Sub Office, Kolkata (Under Regional Office, MoEF&CC, Bhubaneswar), Kolkata IB – 198, Sector-III, Salt Lake City– 700106, West Bengal**

**Enclosures:-**

1. Compliance Report for EC; Dated 03.10.2018;27.04.2023
2. Copy of Latest Stack Monitoring Report as Annexure-I.
3. OCEMS data for six month as Annexure-II.
4. Copy of AAQM Report as Annexure-III.
5. Copy of Fugitive Emission Report as Annexure-IV.
6. Ground Water Monitoring Report Annexure-V.
7. Green Belt detail as Annexure-VI.
8. Copy of Noise Quality Monitoring Report Annexure-VII.
9. Copy of EC transfer and intimation for configuration change as Annexure-VIII.
10. Copy of EC transfer newspaper advertisement as Annexure-IX.
11. CAAQMS data as Annexure-X.

# SIX MONTHLY COMPLIANCE REPORT (DECEMBER-2023)

FOR

Project Name- the proposed expansion of the existing cement grinding unit from 0.072 MTPA to 1.45 MTPA through upgradation/modification of the existing plant and by installation of 3 X 600 TPD + 1 X 200 TPD ball mill and 1 X 2000 TPD VRM in the existing premises

**EC NO- 3310/EN/T-II-1/045/2017 dated:  
03.10.2018 & memo no- 820/EN-II-  
1/045/2017 dated 27.04.2023**



For ORISSA METALLURGICAL INDUSTRY PRIVATE LIMITED  
*[Signature]*  
Director / Authorized Signatory

Location: - Village-Gokulpur, P.O-Shyamraipur, District-  
Paschim Midnapore (W.B.)

**M/S. ORISSA METALLURGICAL INDUSTRY PVT. LTD.**

**(PREVIOUSLY- BANSAL CEMENT PVT. LTD.)**

**'ORBIT' 3<sup>RD</sup> FLOOR, 1, GARSTIN PLACE  
KOLKATA - 700 017, WEST BENGAL  
Phone No.-033 - 22438517-20**

**Email id- [orissametallurgicalpvtltd@gmail.com](mailto:orissametallurgicalpvtltd@gmail.com)**

Name of the Project: -

Expansion of Existing cement Grinding Unit from 0.072 MTPA to 1.45 MTPA through upgradation/modification of the existing plant and by installation of 3 X 600 TPD + 1 X 200 TPD Ball Mill and 1X2000 TPD VRM by M/s Orissa Metallurgical Industry Private Limited.

Clearance Letter/s No. and date: -

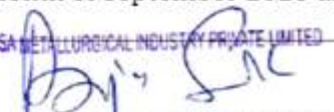
EC No-3310/EN/T-II-1/045/2017 dated 03.10.2018; EC Transfer vide memo no- 820/EN-II-1/045/2017 dated 27<sup>th</sup> April 2023 and change in configuration vide proposal no-SW/2560/2023 under clause 7 (II) C notification of MoEF&CC vice S.O. 980(E) dated 02.03.2021

Period of Compliance Report: -

April 2023 to September 2023

SL. No.	CONDITIONS	COMPLIANCE STATUS
<b>A. SPECIFIC CONDITIONS</b>		
I.	The gaseous emissions from various process units should conform to the load/mass based standards prescribed by the Ministry of Environment & Forests and the State Pollution Control Board from time to time. At no time the emission level should go beyond the prescribed standards.	Being Complied  We are regularly monitoring the stack emission for Ball Mill, Coal fired dryers, packing section, raw materials section etc. by WBPCB/ NABL/ MoEF accredited laboratory in time bound manner. Latest Stack report is enclosed as <b>Annexure-I</b> .  Also, as per CPCB guidelines OCEMS (Particular Matter) is installed at major stack and data is continuously being transferred to CPCB server. Six monthly data of OCEMS is enclosed as <b>Annexure-II</b> .
II.	Cement grinding shall be carried out in cement vertical roller mill/roller press. Provision of dust extraction and pollution control systems along with minimum stack height of 35 m from G.L. should be made for control of emission. Adequate control measures like installation of Bag Filters, Dry Fog Dust Suppression system, water sprinkler, Dust Extraction system, and stack of adequate height at relevant points shall be made. Stack emissions shall be monitored at regular intervals and records maintained. The stack emission should not exceed 30 mg/Nm <sup>3</sup> .	Will be complied  The construction work of the proposed 1 x 2000 TPD VRM project has not been started yet. At the time of construction and operation of the VRM, APC devices having adequate capacity will be installed and steps will be taken to monitor and maintain the emission level as per standards.
III.	Regular monitoring of the ambient air quality shall be carried out in and around the plant and records shall be maintained. All care to be taken to maintain the ambient air quality standards as per GSR 826(E)	Ambient Air Quality Monitoring (AAQM) is being done on regular basis by WBPCB/ MoEF&CC/ NABL accredited laboratories. M/s Greenvision, West Bengal which is NABL/ WBPCB accredited laboratory has done the analysis. The analysis data as per report for month of September 2023 are:

FOR ORISSA METALLURGICAL INDUSTRY PRIVATE LIMITED

  
Director/Authorized Signatory

dated 16.11.2009. At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub> and NO<sub>2</sub> are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to the SEIAA and the SPCB once in six months.

Parameters	Near Plant Main Gate	Amba Village	Latibpur Village
PM10 $\mu\text{g}/\text{m}^3$	70.74	61.26	58.19
PM2.5 $\mu\text{g}/\text{m}^3$	36.58	31.66	30.41
SO <sub>2</sub> $\mu\text{g}/\text{m}^3$	8.79	7.805	7.32
NOX $\mu\text{g}/\text{m}^3$	30.22	28.62	29.01
CO $\text{mg}/\text{m}^3$	0.277	0.148	0.126

Latest AAQM reports are attached for your ready reference as **Annexure No.-III.**

Also after taking into consideration the interest and financial share cost from associate company of the Group, for monitoring the Ambient Air quality around industrial units of the Group, 04 nos. Continuous Ambient Air Quality Monitoring Station (USEPA/ MCERT approved) are installed covering upwind, downwind and crosswind directions after getting site approval from WBPCB. CAAQMS is enclosed as **Annexure No. - X.**

Also, 01 Nos. online ambient air quality monitoring stations using High quality laser sensors, calibrated individually for Indian conditions against BAM (Beta attenuation monitor) have been installed at plant main gate for online monitoring of PM10 & PM 2.5.

**IV.** Finished cement should be collected in silo and packaging should be done through pneumatically controlled system. Suction system should be installed at packaging section to minimize fugitive emission.

Being Complied

05 Nos. cement silo of adequate capacity is there for current operational 2 x 100 + 1 x 200 + 2 x 600 TPD ball mill-based cement grinding unit. The pneumatically controlled system is installed and bag filter of adequate capacity with stack of adequate height is there with 04 no's packing section.

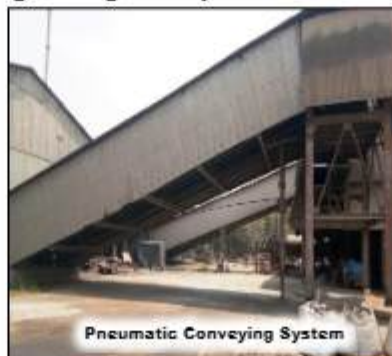
To control fugitive emission at packaging section adequate suction system is in place.

**V.** All vibrating screens, storage bins will be adequately covered. Covered storage yards shall be provided for raw materials. Closed unloading of raw materials and closed conveyor belt for transportation with bag filter at transfer points should be provided. Suction head should be provided at all transfer points.

Being/ Will be complied

For current operational plant all vibrating screens, storage bins are adequately covered. Covered storage yards are provided for raw materials. Closed unloading of raw materials and closed conveyor belt for transportation with bag filter at transfer points is provided. Suction head is provided at all transfer points.

Same practice will be adopted for proposed new cement grinding units (1 x 2000 TPD 1 x 600 TPD Ball Mill).





Pneumatic Conveying System



COVERED STORAGE YARD

<p>VI.</p>	<p>Adequate dust suppression and extraction system should be provided in material storage areas, material unloading and transfer points for controlling fugitive emission. Fugitive dust emissions from ball mill and storage areas shall be collected in bag filters and recycled back to the process. Water sprinkling arrangement shall be made in the raw material stock yards and other high dust potential areas.</p>	<p>Being Complied</p> <p>For current operation plant adequate dust suppression and extraction system are provided in material storage areas, material unloading and transfer points for controlling fugitive emission and the dust from APC devices are collected and reused in the process.</p> <p>Fugitive Air Quality Monitoring at four location viz. Ball Mill Area 1, 2 &amp; 3, Packing Section, Truck Parking Area and Raw Material Handling Area by third party monitoring agency M/s Greenvision, West Bengal, which is NABL/ WBPCB accredited laboratory. As per monitoring reports submitted, fugitive emissions were monitored in month of September 2023 and emission levels are as follows:</p> <table border="1" data-bbox="667 757 1469 920"> <thead> <tr> <th>Parameter</th> <th>Ball Mill Area 1, 2 &amp; 3</th> <th>Packing Section</th> <th>Truck Parking Area</th> <th>Raw Material Handling Area</th> </tr> </thead> <tbody> <tr> <td>TSPM (<math>\mu\text{g}/\text{m}^3</math>)</td> <td>653.12</td> <td>735.08</td> <td>645.62</td> <td>683.32</td> </tr> </tbody> </table> <p>Fugitive reports are attached for your ready reference as <b>Annexure No.-IV.</b></p>	Parameter	Ball Mill Area 1, 2 & 3	Packing Section	Truck Parking Area	Raw Material Handling Area	TSPM ( $\mu\text{g}/\text{m}^3$ )	653.12	735.08	645.62	683.32
Parameter	Ball Mill Area 1, 2 & 3	Packing Section	Truck Parking Area	Raw Material Handling Area								
TSPM ( $\mu\text{g}/\text{m}^3$ )	653.12	735.08	645.62	683.32								
<p>VII.</p>	<p>Water required for proposed expansion shall be met from ground water supply as proposed. Groundwater shall be abstracted as per permission of the competent authority as per The West Bengal Ground Water Resources (Management, Control and Regulation) Act, 2005.</p>	<p>Complied</p> <p>Water requirement for complete project is 23 KLD. Bansal Cement Private Limited has already obtained 80 KLD Ground water withdrawal permission from State Water Investigation Department (SWID), West Bengal.</p> <p>Ground water monitoring report is enclosed as <b>Annexure-V.</b></p>										
<p>VIII.</p>	<p>Process effluent discharge is not permitted. No liquid effluent shall be generated by adoption of dry grinding process.</p>	<p>Being Complied</p> <p>The management of OMIPL. is having dry grinding process and the current operational plant has been designed as 'Zero' discharge concept and it is being ensured by top management on regular basis.</p> <p>Same practice will be adopted for the proposed new units (1 x 2000 TPD VRM &amp; 1 x 600 TPD Ball Mill).</p>										
<p>IX.</p>	<p>Clinker manufacturing / heating is not permitted under this environmental clearance. Clinker and fly ash shall be stored in the closed silos and gypsum in covered shed.</p>	<p>Being Complied</p> <p>Clinker and gypsum are stored under covered shed and fly ash is stored in Silo.</p> <div data-bbox="671 1809 1465 2074"> </div> <p>COVERED STORAGE YARD</p>										

For ORISSA METALLURGICAL INDUSTRY PRIVATE LIMITED  
  
 Director/Authorized Signatory

<p>X.</p>	<p>All the bag filter dust, raw meal dust, coal dust, clinker dust and cement dust from pollution control devices should be recycled and reused in the process used for cement manufacturing. Spent oil and batteries should be sold to authorized recyclers / re-processors only. Hazardous waste generated to be disposed of as per provisions of hazardous and Other wastes (Management and Trans boundary Movement) rules, 2016.</p>	<p>Being Complied</p> <p>100 % APC Dust is recycled in the operational plant. Waste oils and cotton/ jute containing oil generated from operational plants are sent to WBPCB Authorized vendor as per HZWM Rule 2016.</p> <p>Damaged bag filters are sent to WBPCB Authorized CHWTSDF.</p>
<p>XI.</p>	<p>Adequate provisions should be made for harvesting rainwater. The harvested rain water should be used for plantation, firefighting, washing and cleaning etc. Recharging ground water is not permitted.</p>	<p>Being Complied</p> <p>The management of OMIPL has developed rainwater harvesting structure in the area of 600 square meters. The harvested water is used inside the plant for Green belt development and dust suppression.</p>  <p><b>Rain Water Harvesting Structure</b></p>
<p>XII.</p>	<p>Green belt shall be developed within the plant premises. At least 33% of the area should be kept for green belt development. At least 800 no. of trees to be planted. Indicative list of species is given at Annexure-1 There should not be any removal/destruction of vegetative cover both at the establishment as well as the operational stage, without the sanction of appropriate authority.</p>	<p>Being Complied</p> <p>Around 3.1 Acres land (35%) is earmarked for Green Belt development and is being developed.</p> <p>Already 35.0 % of the earmarked area has been developed as green belt. In the financial year 2023-2024 (Till September 2023), around 320 plants have been planted in and around the periphery of plant boundary for gap filling.</p>  <p>The details of developed greenbelt are attached as <b>Annexure-VI</b>.</p>

**XIII.** The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (night-time).

Being Complied

Noise level has been monitored at two locations viz. Plant Main Gate, Amba Village, Ball Mill Area 1 & 2 & Ball Mill Area 3 by third party monitoring agency M/s. Greenvision, West Bengal which is NABL/ WBPCB accredited laboratory. As per monitoring reports submitted, noise levels were monitored in month of September 2023.

Parameter	Plant Main Gate		Risha Village		Ball Mill Area 1 & 2	Ball Mill Area 3
	Day	Night	Day	Night		
Leq (dBA)	62.3	59.2	57.5	50.7	58.3 to 64.8	56.7 to 63.7

Noise Quality Monitoring reports are attached as **Annexure No. -VII.**

**XIV.** Asphaltting/concreting of roads and water spray all around the stockyard and loading/unloading areas in the cement plant shall be carried out to control fugitive emissions. Regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of PM<sub>10</sub> and PM<sub>2.5</sub> such as haul road, loading and unloading points, transfer points and other vulnerable areas. It shall be ensured that the ambient air quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.

Noted

This project is an expansion project at existing plant premises. Maximum internal roads are concreted and remaining road will be done asphaltting/concreting in continuation with the implementation of the project.

Preventive measures are taken to reduce fugitive emissions from all the vulnerable sources like:

- Water sprinklers/ water gun at dedicated emission sources like haul road, loading and unloading points, transfer points and other vulnerable areas.
- Pneumatic conveying system with Belt Conveyors by C G I (corrugated galvanized iron) sheet in all sides to prevent the Fugitive emission
- Raw Materials are stored in covered area.
- One number of dedicated water spraying tankers is in use.
- Engaged dedicated Housekeeping team with proper training and control.
- Development of Green Belt in and around plant area.

Ambient Air Quality Monitoring is done by NABL/MOEF accredited laboratory at regular intervals to monitor and check the AAQM with prescribed limit.

Recent housekeeping photograph are:



**XV.** Proper lighting and proper pathway inside the factory premises should be

Being Complied

This project is an expansion project at existing plant premises. The current status of the existing premises is:



WILSON METALLURGICAL INDUSTRY PRIVATE LIMITED  
  
 Director / Authorized Signatory

	constructed to ensure safe vehicular movement. Provision of separate pathway for entry and exit of vehicles should be considered. Vehicles should conform to pollution under control (PUC) norms. Proper housekeeping shall be maintained within the premises.	<ul style="list-style-type: none"> <li>Adequate lighting facilities are provided in factory premises.</li> <li>01 no mechanical street swiping machine is used continuously to maintain the proper housekeeping practice.</li> <li>Vehicle having valid PUC certificates area allowed to enter in the plant premises.</li> </ul>																		
		Provision of separate pathway for entry and exit of vehicles is there.																		
XVI.	Health and safety of workers should be ensured. Workers should be provided with adequate personnel protective equipment and sanitation facilities. Occupational Health Surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	<p style="text-align: center;">Being Complied</p> <p>Adequate personnel protective equipment and sanitation facilities are provided to workers and occupational health surveillance of the workers is being done on a regular basis and records maintained as per the Factories Act.</p>																		
XVII.	Adequate measures to be adopted to ensure industrial safety. Proper fire detection & protection systems to be provided to control fire and explosion hazards.	<p style="text-align: center;">Bring Complied</p> <p>Hydrants, medium velocity spray system, portable fire extinguishers of various capacities containing agents such as CO<sub>2</sub>, DCP etc. are located at strategic points of the plant to control fire and explosion hazards.</p>																		
XVIII.	All the recommendations mentioned in the Corporate Responsibility for Environmental Protection (CREP) guidelines for Cement Plants shall be followed and complied.	<p>CREP being complied in time bound manner.</p> <table border="1"> <thead> <tr> <th>Sl. No</th> <th>Conditions</th> <th>Status</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Cement Plants, which are not complying with notified standards, shall do the following to meet the standards: <ul style="list-style-type: none"> <li>Augmentation of existing Air Pollution Control Devices- by July 2003</li> <li>Replacement of existing Air pollution Control Devices- by July 2004</li> </ul> </td> <td>Operational ( 2 x 100 + 1 x 200 + 2 x 600 TPD) Cement Grinding Unit is already meeting the emission standard of 30 mg/Nm<sup>3</sup>.</td> </tr> <tr> <td>2</td> <td>Cement Plants located in critically polluted or urban areas (including 5 km distance outside urban boundary ) will meet 100 mg/Nm<sup>3</sup> limit or particulate matter by December 2004 and continue working to reduce the emission of particulate matter to 50 mg/Nm<sup>3</sup>.</td> <td>Emission level is maintained as per CPCB/ MoEF&amp;CC guideline for Cement Plant (30 mg/Nm<sup>3</sup>).</td> </tr> <tr> <td>3</td> <td>The new cement kilns to be accorded NOC/ Environment Clearance w. e. f 01.04.2003 will meet the limit of 50 mg/Nm<sup>3</sup> for particulate matter emissions.</td> <td>Required permission has been obtained and a copy of permission letter has already been submitted to the concerned department.</td> </tr> <tr> <td>4</td> <td>CPCB will evolve load based standards by December 2003.</td> <td>Emission standard of 30 mg/Nm<sup>3</sup> is maintained.</td> </tr> <tr> <td>5</td> <td>CPCB and NCBM will evolve SO<sub>2</sub> and NO<sub>x</sub> emission standards by June 2004.</td> <td>Plant is not involved in any co processing, it's a standalone Grinding unit, and as per CPCB guideline</td> </tr> </tbody> </table>	Sl. No	Conditions	Status	1	Cement Plants, which are not complying with notified standards, shall do the following to meet the standards: <ul style="list-style-type: none"> <li>Augmentation of existing Air Pollution Control Devices- by July 2003</li> <li>Replacement of existing Air pollution Control Devices- by July 2004</li> </ul>	Operational ( 2 x 100 + 1 x 200 + 2 x 600 TPD) Cement Grinding Unit is already meeting the emission standard of 30 mg/Nm <sup>3</sup> .	2	Cement Plants located in critically polluted or urban areas (including 5 km distance outside urban boundary ) will meet 100 mg/Nm <sup>3</sup> limit or particulate matter by December 2004 and continue working to reduce the emission of particulate matter to 50 mg/Nm <sup>3</sup> .	Emission level is maintained as per CPCB/ MoEF&CC guideline for Cement Plant (30 mg/Nm <sup>3</sup> ).	3	The new cement kilns to be accorded NOC/ Environment Clearance w. e. f 01.04.2003 will meet the limit of 50 mg/Nm <sup>3</sup> for particulate matter emissions.	Required permission has been obtained and a copy of permission letter has already been submitted to the concerned department.	4	CPCB will evolve load based standards by December 2003.	Emission standard of 30 mg/Nm <sup>3</sup> is maintained.	5	CPCB and NCBM will evolve SO <sub>2</sub> and NO <sub>x</sub> emission standards by June 2004.	Plant is not involved in any co processing, it's a standalone Grinding unit, and as per CPCB guideline
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			in our case only PM emission standard is applicable.
6	The Cement industries will control fugitive emissions from all the raw material and products storage and transfer points by December 2003. However, the feasibility for the control fugitive emissions from limestone and coal storage areas will be decided by the National Task Force (NTF). The NTF shall submit its recommendations within three months.		<ul style="list-style-type: none"> <li>All the material transfer points for operational units are equipped with Bag filters.</li> <li>Raw Materials are stored in covered area. Demarcated the Slag storage area and slag heaps are covered with tarpaulin.</li> <li>Maximum area inside plant has been concreted to prevent fugitive emission.</li> <li>One number of dedicated water spraying tankers is in use.</li> <li>All belt conveying systems are covered up by the MS plate.</li> <li>Dedicated street swiping machine also in use in plant.</li> <li>Engaged dedicated Housekeeping team with proper training and control.</li> <li>Development of Green Belt.</li> </ul>
7	CPCB, NCBM, BIS, Oil refineries will jointly prepare the policy on use of petroleum cokes as fuel in cement kiln by July 2003.		Not Applicable
8	After performance evaluation of various types of continuous monitoring equipments and feedback from industries and equipment manufacturers, NTF will decide feasible unit operations/ sections for installation of continuous monitoring systems (CMS) by December 2003.		Online Continuous Emission Monitoring System (OCEMS) has been installed at Ball Mill Stack and data is being transferred to CPCB Central Server.
9	Tripping in kiln ESP to be minimized by July 2003 as per the recommendations of NTF.		Not Applicable
10	Industries will submit the target date to enhance the utilization of waste material by April, 2003.		All the particulate matter/ Dust collected through Air Pollution Control Device are 100% recycled in the process. Moreover, we are using Fly ash and slag for making Pozzolana Portland Cement (PPC) and Composite Cement which are the wastes of Thermal Power Plants & MBF plant.
11	NCBM will carry out a study on hazardous waste utilization in cement kiln by December 2003.		Not Applicable
12	Cement industries will carry out feasibility study and submit target		Not Applicable

For ORISSA METALLURGICAL INDUSTRY PRIVATE LIMITED  
  
 Director/Authorized Signatory

		<p>dates to CPCB for co-generation of power by July 2003.</p> <ul style="list-style-type: none"> <li>Non complying units shall give bank guarantee to respective SPCBs.</li> </ul>																									
<b>XIX.</b>	<b>The implementation and monitoring of Environmental Management Plan should be carried out, as proposed.</b>	<p style="text-align: center;"><b>Being Complied</b></p> <p>Adequate funds have been deployed in CAPEX and OPEX and an itemised action plan has been drawn for implementing the stipulated conditions. Rs. 191.0 lakhs and Rs.19.1 lakhs towards capital cost and annual recurring cost deployed for implementing the environmental protection measures. The detail about the recurring cost on Environment Safeguard for current operational plant is:</p> <table border="1"> <thead> <tr> <th>Year</th> <th>Particulars</th> <th>Narration</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td rowspan="5">2023-2024 (Till Sept.2023.)</td> <td>Green Belt Development</td> <td>Maintenance, labour cost, etc.</td> <td>20,000.0</td> </tr> <tr> <td>House Keeping</td> <td>Labour charges, Drainage Cleaning and other materials</td> <td>80,000.0</td> </tr> <tr> <td>Analysis &amp; Monitoring of Environmental Parameters</td> <td>Stack, Fugitive, Ambient, Water etc. Monitoring &amp; Analysis, In-house Analysis</td> <td>65,900.0</td> </tr> <tr> <td>O.H. Management &amp; Safety Plan</td> <td>Occupational Health Management, Risk Mitigation &amp; Safety Plan</td> <td>35,000.0</td> </tr> <tr> <td>O &amp; M on A.P.C Devices</td> <td>Operation &amp; Maintenance cost, Electricity consumption etc. on A.P.C Device installed.</td> <td>12,40,000.0</td> </tr> <tr> <td colspan="3" style="text-align: center;"><b>TOTAL</b></td> <td><b>14,40,900.0</b></td> </tr> </tbody> </table>		Year	Particulars	Narration	Amount	2023-2024 (Till Sept.2023.)	Green Belt Development	Maintenance, labour cost, etc.	20,000.0	House Keeping	Labour charges, Drainage Cleaning and other materials	80,000.0	Analysis & Monitoring of Environmental Parameters	Stack, Fugitive, Ambient, Water etc. Monitoring & Analysis, In-house Analysis	65,900.0	O.H. Management & Safety Plan	Occupational Health Management, Risk Mitigation & Safety Plan	35,000.0	O & M on A.P.C Devices	Operation & Maintenance cost, Electricity consumption etc. on A.P.C Device installed.	12,40,000.0	<b>TOTAL</b>			<b>14,40,900.0</b>
Year	Particulars	Narration	Amount																								
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<b>TOTAL</b>			<b>14,40,900.0</b>																								
<b>XX.</b>	<b>At least 2.5 % of the total cost of the project shall be earmarked towards the Enterprise Social commitment (ESC) based on local needs and action plan with financial and physical break-up shall be prepared and submitted. Implementation of such program shall be ensured accordingly in a time bound manner.</b>	<p style="text-align: center;"><b>Noted</b></p> <p>2.5 % of the Project Cost (112.5 Lakhs) has been earmarked for CSR towards the Enterprise Social Commitment. In the financial year 2023-24, till Sept. 2023 Rs. 2,50,000 being spent under CSR head.</p> <div style="display: flex; justify-content: space-around;">   </div> <p style="text-align: center;"><b>Jal Daan Camp &amp; Construction of Community Prayer Centre</b></p>																									
<b>i.</b>	<b>The environmental clearance accorded shall be valid for a period of 7 years for the proposed project.</b>	<p style="text-align: center;"><b>Noted.</b></p> <p>As per Ministry O.M. issued vide File No.-1A3-22/28/2022-1A.111[E 181584] dated 13<sup>th</sup> December 2022, the validity of environment clearance is increased to 10 years and further</p>																									

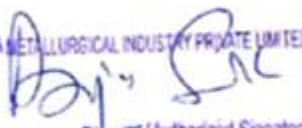
		extendable for another 01 year.
ii.	Prior Consent-to-Establish (NOC) for the proposed project must be obtained from WBPCB before commencement of construction. All other statutory clearances should be obtained by project proponent from the competent authorities.	Being Complied. The Consent to Establish (NOC) permissions for expansion project were awarded by WBPCB vide NOC No.-159353, dated 07.01.2019; transfer of CTE vide NOC No- 180731 dated 17.05.2023 and configuration change vide memo no-290-2N-49/2017 (E) dated 02.06.2023. Consent to Operate (CTO) permission issued vide CO-113613 dated 28.10.2021 for Ball Mills 2 X 100 and 1 X 200 TPD; transfer of CTO vide memo no-118-242-WBP(HRO)-K/2001 dated 13.06.2023 and CTO for 2 X600 TPD Ball Mill vide CO-144021 dated 18.08.2023.
iii.	The project proponent shall comply with all the environmental protection measures and safeguards recommended in the EIA/EMP. Further, the unit must undertake socio-economic development activities in the surrounding villages like community development programs, educational programs, drinking water supply, sanitation program for local school and health care etc.	Being Complied All the commitments and recommendations made in the EIA/EMP report, undertaking socio-economic development activities in the surrounding villages under CSR head are carried in time bound manner. In the financial year 2023-24, till September 2023 Rs.2, 50,000 are being spent under CSR head.
iv.	All the conditions, liabilities and legal provisions contained in the EC shall be equally applicable to the successor management of the project in the event of the project proponent transferring the ownership, maintenance of management of the project to any other entity.	Noted.
v.	Provision should be made for the supply of kerosene or cooking gas to the labourers during construction phase. All the labourers to be engaged for construction works should be screened for health and adequately treated before issue of work permits. Environmental sanitation should be ensured for the workers.	Noted Provision will be made for the supply of kerosene or cooking gas to the labourers. All the labourers to be engaged for construction works will be screened for health and adequately treated before issue of work permits. Environmental sanitation will be ensured for the workers.
vi.	The project proponent should make financial provision in the total budget of the project for implementation of the	Noted. Adequate fund provision (Rs 1.91 Crores capital cost & Rs 0.19 Crores Annual cost) is already being earmarked for environmental protection measures and will not be diverted to other purpose.

	<p>environmental safeguards. The project authorities will provide requisite funds both recurring and non-recurring to implement the conditions stipulated by the SEIAA, West Bengal along with the implementation schedule for all the conditions stipulated herein. The funds so provided should not be diverted for any other purpose.</p>	<p>The detail about the recurring cost on Environment Safeguard for current operational plant is already discussed in <b>point XIX</b>.</p>
vii.	<p>No further expansion or modifications in the plant should be carried out without prior approval of the State Level Environment Impact Assessment Authority, West Bengal. In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by the SEIAA, West Bengal.</p>	<p>Agreed</p> <p>In compliance to this point, Transfer of Environmental Clearance is obtained from SEIAA West Bengal vide memo no-820/EN-II-1/045/2017 dated 27<sup>th</sup> April 2023 and intimation for change in configuration of plant during project execution on parivesh portal under clause 7 (II) C notification of MoEF&amp;CC vice S.O. 980(E) dated 02.03.2021</p> <p>Copy of Transfer EC and intimation for change in configuration is enclosed as <b>Annexure No. -VIII</b>.</p>
viii.	<p>The West Bengal Pollution Control Board, who would be monitoring the implementation of environmental safeguards, should be given full cooperation, facilities and documents / data by the project proponents during their inspection. A six monthly compliance report and the monitored data along with statistical interpretation shall be submitted to the WBPCB regularly. A complete set of all the documents should also be forwarded to the State Level Environment Impact Assessment Authority, West Bengal and to Regional office of Ministry of Environment, Forests &amp; Climate Change, Bhubaneswar.</p>	<p>The last monitoring reports are submitted with compliance report for the period October 2022 to March 2023 submitted vide letter no.- Bansal/ENV_COMP / DECEMBER-2022 dated 26.05.2023</p> <p>In compliance to this point this report is being submitted.</p>
ix.	<p>The State Level Environment Impact Assessment Authority, West Bengal reserves the right to add additional safeguard measures subsequently, if</p>	<p>Noted.</p>

	found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act. 1986, to ensure effective implementation of the suggested safeguard measures in a time-bound and satisfactory manner.	
x.	The project proponent should inform the public that the project has been accorded environmental clearance by the SEIAA, West Bengal and copies of the clearance letter are available with the state pollution Control Board /Committee and may also be seen at website of the SEIAA, West Bengal ( <a href="http://environmentwb.gov.in">http://environmentwb.gov.in</a> ). This should be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers are widely circulated in the region of which one shall be in the vernacular language of the locality concerned.	<p>Already Complied</p> <p>Advertisement for environment clearance issued in name of Ms. Bansal Cement Private Limited is made, in two local newspapers that are widely circulated in the region are:</p> <ul style="list-style-type: none"> <li>• Business Standard dated 06.10.2018 (English)</li> <li>• Aajkal dated 06.10.2018 (Bengali)</li> </ul> <p>Copy of the same is submitted to competent authority vide EC compliance (Dec-2018), letter no- Bansal/ENV_COMP/DEC_2018 dated 23.12.2018.</p> <p>Advertisement for environment clearance transfer from Ms. Bansal Cement Private Limited to M/s. Orissa Metallurgical Industry Private Limited is made, in two local newspapers that are widely circulated in the region are:</p> <ul style="list-style-type: none"> <li>• The Echo of India dated 29.04.2023 (English)</li> <li>• Aajkal dated 29.04.2023 (Bengali)</li> </ul> <p>Copy of Transfer EC newspaper advertisement is enclosed as <b>Annexure No. -IX.</b></p>
xi.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. The criteria pollutant levels namely; PM <sub>10</sub> , PM <sub>2.5</sub> , SO <sub>2</sub> , NO <sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	<p>Being Complied.</p> <ul style="list-style-type: none"> <li>• Compliance reports with monitoring results are uploaded on the company website <a href="https://orissametaliiks.com/qehs.php">https://orissametaliiks.com/qehs.php</a></li> <li>• Emission levels of pollutants of different units is displayed on board as per CPCB format issued vide File no-B-29016 NGT/C-10/2020/ WM II/Div./ Dated 20th January 2020 outside the main gate of the plant for disclosure to the public and also uploaded on the website of the company.</li> <li>• Electronic display board is installed at plant main gate and online stack emission data and AAQMS data is also being displayed.</li> </ul>
xii.	The Project Authorities should inform the State Pollution Control Board as well as the SEIAA, West Bengal, the date of financial	<p>Noted.</p> <p>Private Company , no finance is needed from outside</p>

	closure and final approval of the project by the concerned authorities and the date of commencing the land development work/project implementation.	
xiii.	The above stipulations would be enforced along with those under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Hazardous Wastes (Management, Handling and Tran boundary Movement) Rules, 2009, the Public Liability Insurance Act, 1991, the Environment Impact Assessment Notification 2006 and their amendments.	Noted.

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For ORISSA METALLURGICAL INDUSTRY PRIVATE LIMITED  
  
 Director/Authorized Signatory



# ANNEXURE-I

## WEST BENGAL POLLUTION CONTROL BOARD

Haldia Regional Laboratory

Raghunathchak, P.O.-Barghasipur, P.S.-Bhabanipur

Haldia, Purba Medinipur - 721 657

Tel: (03224) 291 292

### Analysis Report of Gaseous Emission

Sample ID : 160620230136

1. Name of Industry	: M/s. Orissa Metallurgical Industry Pvt. Ltd. (Formerly Bansal Cement Pvt Ltd)
2. Address	: Shyamraipur, Kharagpur, Dist-Paschim Medinipur
3. Category & Type	: Red, Cement Grinding Unit
4. Sampling Date	: 15/06/2023
5. Sampled collected by	: N.C.Barai (AEE), HRO
6. Thimble Number	: 495
7. Name of WBPCB Recognized Laboratory	: M/s. Green Vision
8. Duration of Sampling	: 32 min.
9. Height of Stack from ground (m)	: 35.0
10. Cross section of stack at sampling point (m <sup>2</sup> )	: 0.2829
11. Stack connected to	: Ball Mill No. 2
12. Emission source (Furnace / Boiler)	: Process Activity
13. Average operational hours of boiler/furnace (per month)	: 720 hrs./Month
14. APC System (if any)	: Bag Filter
15. Working load of source (MT/hr.)	: 100 TPD
16. Fuel used	: Electricity
17. Rated Fuel consumption (Kg or L/hr.)	: -
18. Working Fuel consumption (Kg or L/hr.)	: -
19. Nature of Furnace / Boiler	: -
20. Flue Gas Temp (°C)	: 59.0
21. Flue gas velocity (m/sec)	: 7.83
22. Volume of Flue gas drawn in lit (m <sup>3</sup> )	: 1.024
23. Corrected flue gas volume (Nm <sup>3</sup> )	: 0.955
24. Percentage CO <sub>2</sub> and or O <sub>2</sub>	: -
25. To be compensated at (% if required)	: -
26. Initial weight of Thimble (g)	: 1.4983
27. Final weight of Thimble (g)	: 1.4998
28. Weight of Particulate Matter (mg)	: 1.50
29. Particulate Matter (mg/Nm <sup>3</sup> )	: 1.57
30. Barometric Pressure Head in mm of Hg	: 755 mm of Hg
31. Diameter of the nozzle (mm)	: 9.525 mm
32. Others	: -

Date of Reporting : 27/06/2023

*Ganesh*

Scientist

*Barai*

Senior Scientist

Copy to : 1. Chief Engineer (O&E)  
3. Chief Scientist

2. Chief Engineer (Planning)  
4. Haldia Regional Office (2 copies)





# WEST BENGAL POLLUTION CONTROL BOARD

Haldia Regional Laboratory  
Raghunathchak, P.O.-Barghasipur, P.S.-Bhabanipur  
Haldia, Purba Medinipur - 721 657  
Tel: (03224) 291292

## Analysis Report of Gaseous Emission

Sample ID : 160620230137

1.	Name of Industry	: M/s. Orissa Metallurgical Industry Pvt. Ltd. (Formerly Bansal Cement Pvt. Ltd.)
2.	Address	: Shyamraipur, Kharagpur, Dist-Paschim Medinipur
3.	Category & Type	: Red, Cement Grinding Unit
4.	Sampling Date	: 15/06/2023
5.	Sampled collected by	: N.C.Barai (AEE), HRO
6.	Thimble Number	: 496
7.	Name of WBPCB Recognized Laboratory	: M/s. Green Vision
8.	Duration of Sampling	: 39 min.
9.	Height of Stack from ground (m)	: 40.0
10.	Cross section of stack at sampling point (m <sup>2</sup> )	: 0.1257
11.	Stack connected to	: Ball Mill No. 3
12.	Emission source (Furnace / Boiler)	: Process Activity
13.	Average operational hours of boiler/furnace (per month)	: 720 hrs./Month
14.	APC System (if any)	: Bag Filter
15.	Working load of source (MT/hr.)	: 200 TPD
16.	Fuel used	: Electricity
17.	Rated Fuel consumption (Kg or L/hr.)	: -
18.	Working Fuel consumption (Kg or L/hr.)	: -
19.	Nature of Furnace / Boiler	: -
20.	Flue Gas Temp (°C)	: 65.0
21.	Flue gas velocity (m/sec)	: 14.44
22.	Volume of Flue gas drawn in lit (m <sup>3</sup> )	: 1.014
23.	Corrected flue gas volume (Nm <sup>3</sup> )	: 0.9336
24.	Percentage CO <sub>2</sub> and or O <sub>2</sub>	: -
25.	To be compensated at (% if required)	: -
26.	Initial weight of Thimble (g)	: 1.4604
27.	Final weight of Thimble (g)	: 1.4709
28.	Weight of Particulate Matter (mg)	: 10.50
29.	Particulate Matter (mg/Nm <sup>3</sup> )	: 11.25
30.	Barometric Pressure Head in mm of Hg	: 755 mm of Hg
31.	Diameter of the nozzle (mm)	: 6.35 mm
32.	Others	: -

Date of Reporting : 27/06/2023

Scientist

Senior Scientist

Copy to : 1. Chief Engineer (O&E)  
3. Chief Scientist

2. Chief Engineer (Planning)  
4. Haldia Regional Office (2 copies)





# WEST BENGAL POLLUTION CONTROL BOARD

Haldia Regional Laboratory  
Raghunathchak, P.O.-Barghasipur, P.S.-Bhabanipur  
Haldia, Purba Medinipur - 721 657  
Tel: (03224) 291292

## Analysis Report of Gaseous Emission

Sample ID : 160620230138

1. Name of Industry	: M/s. Orissa Metallurgical Industry Pvt. Ltd. (Formerly Bansal Cement Pvt. Ltd.)
2. Address	: Shyamraipur, Kharagpur, Dist-Paschim Medinipur
3. Category & Type	: Red, Cement Grinding Unit
4. Sampling Date	: 15/06/2023
5. Sampled collected by	: N.C.Barai (AEE), HRO
6. Thimble Number	: 498
7. Name of WBPCB Recognized Laboratory	: M/s. Green Vision
8. Duration of Sampling	: 31 min.
9. Height of Stack from ground (m)	: 35.0
10. Cross section of stack at sampling point (m <sup>2</sup> )	: 0.2643
11. Stack connected to	: Ball Mill No. 1 (Packing Section-1)
12. Emission source (Furnace / Boiler)	: Process Activity
13. Average operational hours of boiler/furnace (per month)	: 720 hrs./Month
14. APC System (if any)	: Bag Filter
15. Working load of source (MT/hr.)	: 100 TPD
16. Fuel used	: Electricity
17. Rated Fuel consumption (Kg or L/hr.)	: -
18. Working Fuel consumption (Kg or L/hr.)	: -
19. Nature of Furnace / Boiler	: -
20. Flue Gas Temp (°C)	: 67.0
21. Flue gas velocity (m/sec)	: 8.11
22. Volume of Flue gas drawn in lit (m <sup>3</sup> )	: 1.023
23. Corrected flue gas volume (Nm <sup>3</sup> )	: 0.9271
24. Percentage CO <sub>2</sub> and or O <sub>2</sub>	: -
25. To be compensated at (% if required)	: -
26. Initial weight of Thimble (g)	: 1.4841
27. Final weight of Thimble (g)	: 1.4904
28. Weight of Particulate Matter (mg)	: 6.30
29. Particulate Matter (mg/Nm <sup>3</sup> )	: 6.80
30. Barometric Pressure Head in mm of Hg	: 755 mm of Hg
31. Diameter of the nozzle (mm)	: 9.525 mm
32. Others	: -

Date of Reporting : 27/06/2023

*[Signature]*

Scientist

*[Signature]*

Senior Scientist

Copy to : 1. Chief Engineer (O&E)  
3. Chief Scientist

2. Chief Engineer (Planning)  
4. Haldia Regional Office (2 copies)

# ONLINE CONTINUOUS EMISSION MONITORING STATIONS (Period- 1<sup>st</sup> April 2023 to 30<sup>th</sup> September 2023)

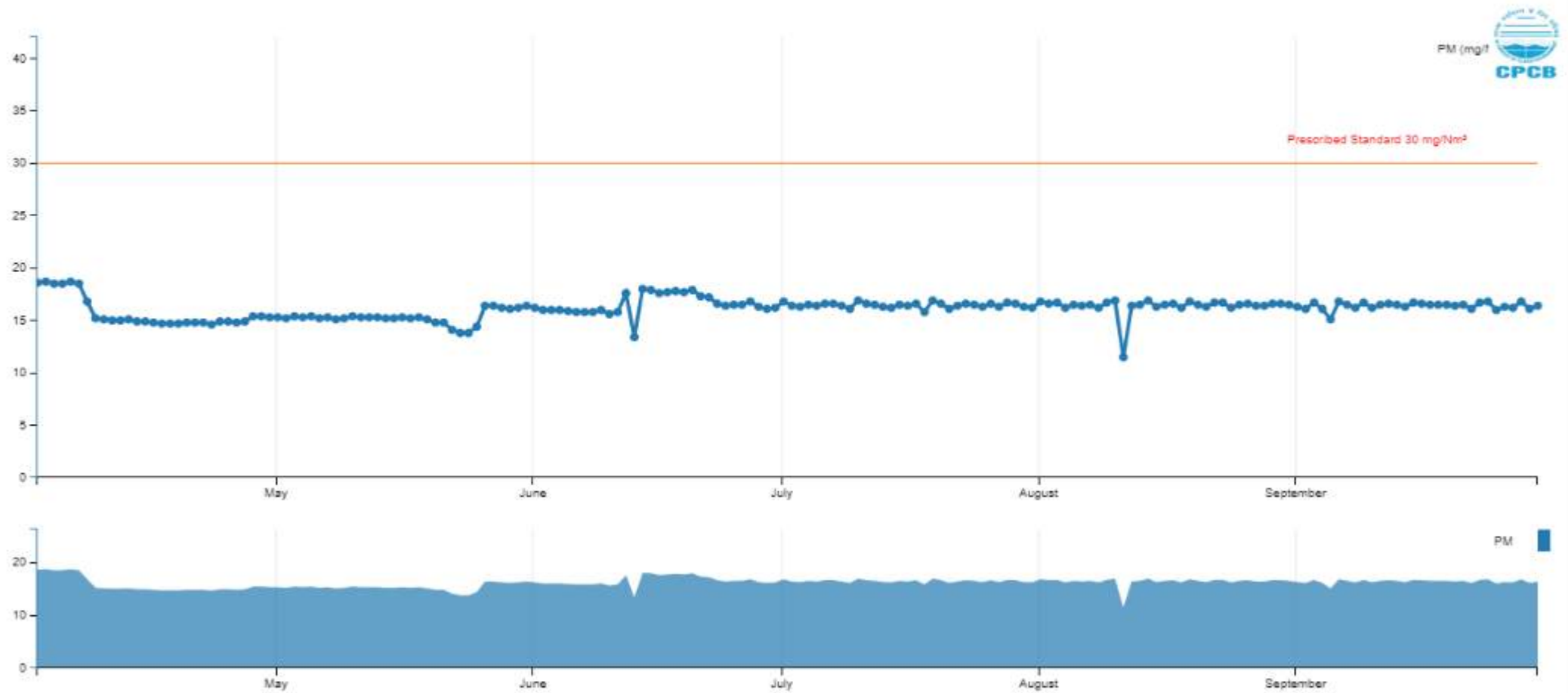
Orissa Metallurgical Industry Pvt. Ltd. (Formerly BANSAL CEMENT PRIVATE LIMITED) Stack-1\_Cement Grinding mill-1

Mouja-Mathuraklmat, Village- Gokulpur, P.O-Shyamraipur, P.S- Khargapur (L), Dist- Paschim Midnapore KHARGAPUR West Bengal 721301

Start Date - 2023-04-01

End Date - 2023-09-30

Average - daily



# ONLINE CONTINUOUS EMISSION MONITORING STATIONS (Period- 1<sup>st</sup> April 2023 to 30<sup>th</sup> September 2023)

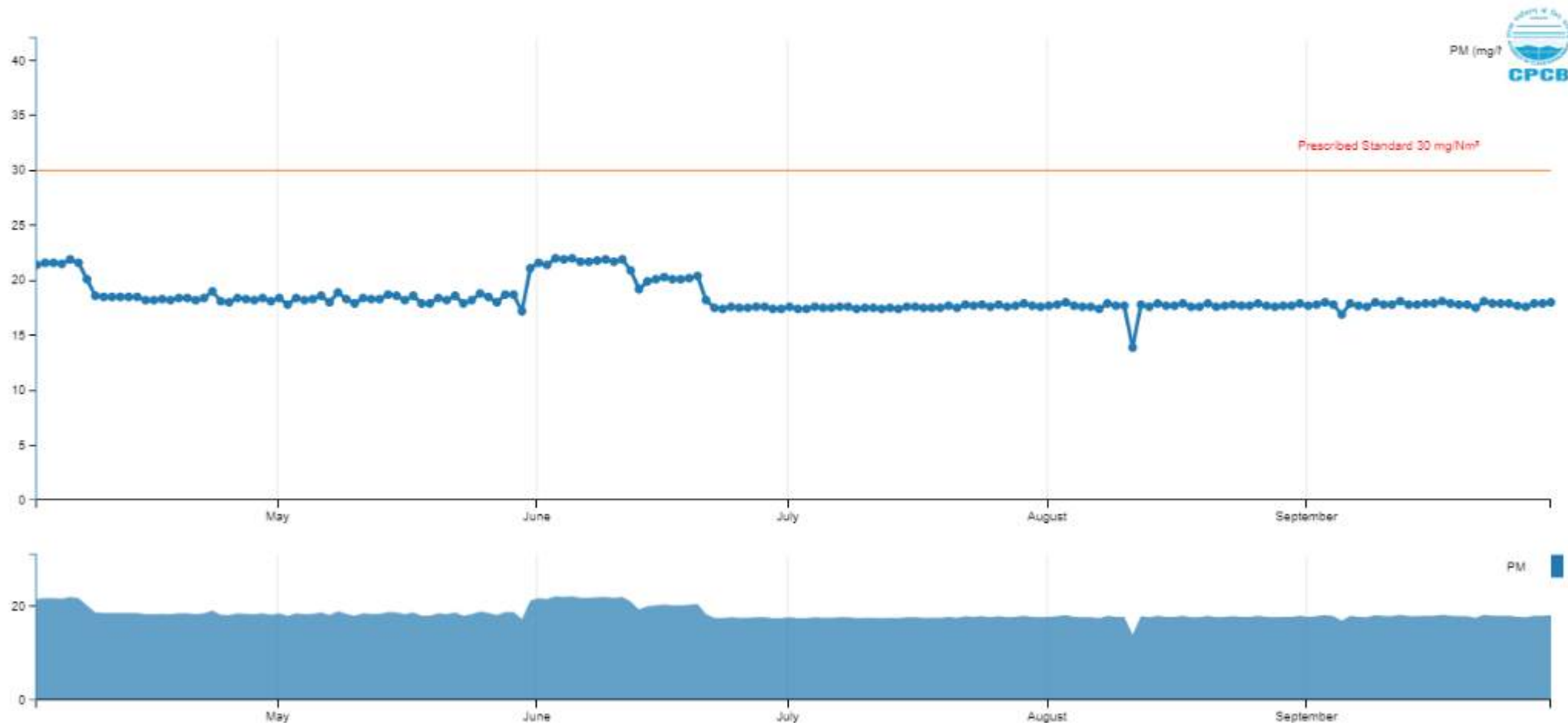
Orissa Metallurgical Industry Pvt. Ltd. (Formerly BANSAL CEMENT PRIVATE LIMITED) Stack-2\_Cement Grinding Mill-2

Mouja-Mathurakismat, Village- Gokulpur, P.O-Shyamraipur, P.S- Khargapur (L), Dist- Paschim Midnapore KHARGAPUR West Bengal 721301

Start Date - 2023-04-01

End Date - 2023-09-30

Average - daily



# ONLINE CONTINUOUS EMISSION MONITORING STATIONS (Period- 1<sup>st</sup> April 2023 to 30<sup>th</sup> September 2023)

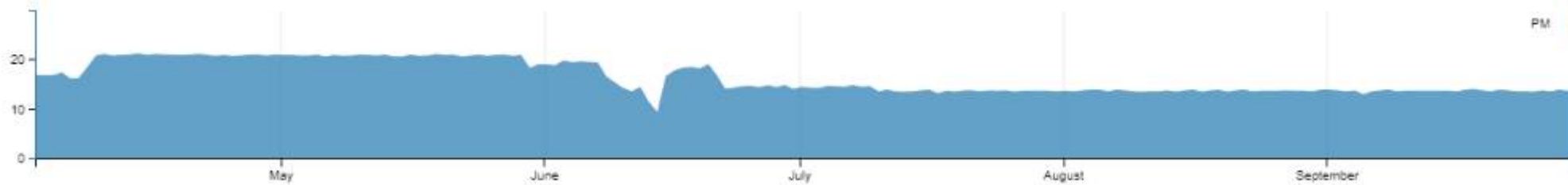
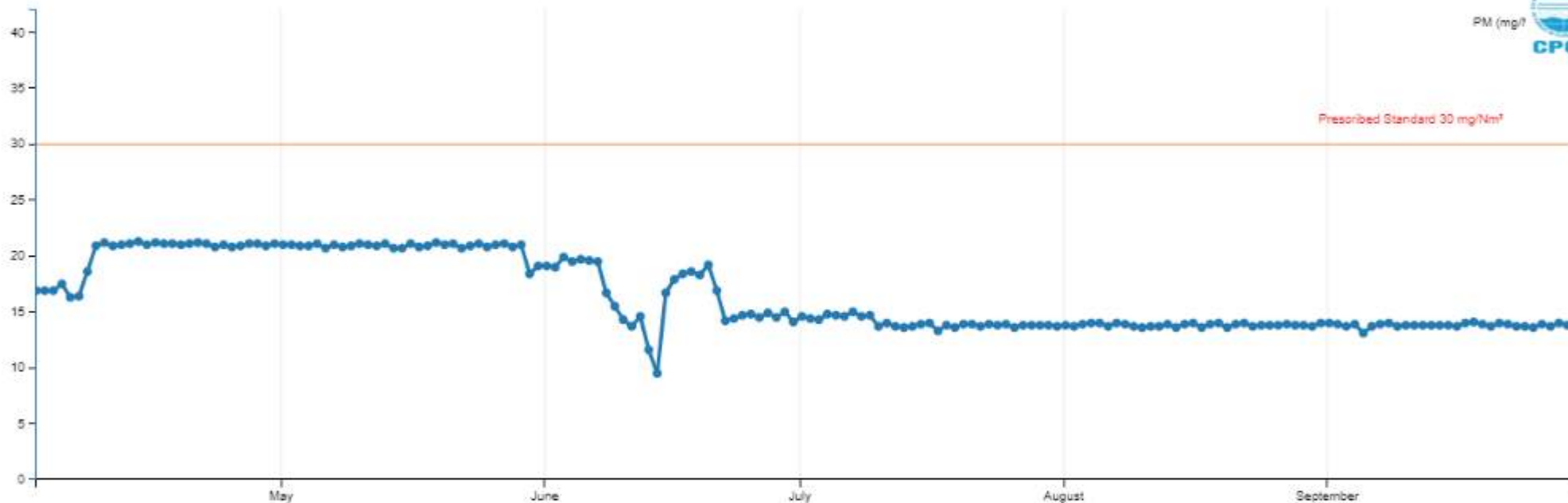
Orissa Metallurgical Industry Pvt. Ltd. (Formerly BANSAL CEMENT PRIVATE LIMITED) Stack-3\_Cement Ball Mill-3

Mouja-Mathurakismat, Village- Gokulpur, P.O-Shyamraipur, P.S- Khargapur (L), Dist- Paschim Midnapore KHARGAPUR West Bengal 721301

Start Date - 2023-04-01

End Date - 2023-09-30

Average - daily





# GREENVISION

(A leading environmental research laboratory)

Recognized by West Bengal Pollution Control Board

Urvashi Malhar, Phase II, MEAV-25, Bengal Ambuja Housing Complex, City Centre, Durgapur-713216

Contact : 0343-2543019, 9732580459, 9433158173, email : greenvision.dgp@gmail.com, Website : www.greenvisiondurgapur.com



TC-11003

## TEST REPORT OF AMBIENT AIR ANALYSIS

FORMAT NO. : GV/LAB/FM/33A

Sample is drawn by M/s. Greenvision

U.L.R. No. : TC1100323000000430F

Report No.	: GV/AR/23-24/224	Sample Ref. ID	: AS-156-2023(1)
Name of Customer	: M/s. Orissa Metallurgical Industry Pvt. Ltd. [Formerly M/s. Bansal Pvt. Ltd.]	Report Date	: 29.09.2023
Address of Customer	: Mouza : Mathurakismat, Gokulpur, Kharagpur, Dist. : Paschim Medinipur, Pin : 721301, W.B.	Date of Sampling	: 18.09.2023 to 19.09.2023
Sample Description	: Ambient Air	Date of Receiving	: 20.09.2023
Sampling Location	: Near Plant Main Gate	Analysis Started On	: 21.09.2023
Sample Condition	: In GMF Filter Paper & Plastic Bottle	Analysis Completed On	: 22.09.2023
Location of Testing	: At Laboratory	Time of Sampling	: 08:05 am to 08:05 am
Sampling Method	: CPCB, Emission Regulation (Part III)		

### A. METROLOGICAL INFORMATION

Average Temperature (°C)	: 31.5
Average Relative Humidity (%)	: 76.0
Barometric Pressure (mm of Hg)	: 756.0
Smell or Odour	: No Remarkable Smell
Weather Condition	: Clear Sky

### B. RESULT OF ANALYSIS

Sl. No.	Parameters	Unit	Concentration	Test Method
01.	Concentration of PM <sub>10</sub>	µg/m <sup>3</sup>	70.74	IS : 5182 (Part 23),2006
02.	Concentration of PM <sub>2.5</sub>	µg/m <sup>3</sup>	36.58	EPA CFR – 40 (pt 50) Appendix – 1 : 2003
03.	Concentration of SO <sub>2</sub>	µg/m <sup>3</sup>	8.79	IS : 5182 (Part 2),2006
04.	Concentration of NO <sub>2</sub>	µg/m <sup>3</sup>	30.22	IS : 5182 (Part 6),2006
05.	Concentration of CO	mg/m <sup>3</sup>	0.277	IS 5182 [Part 10] : 1999 Reaffirmed 2005

Limit : (µg/m<sup>3</sup>) National Ambient Air Quality Standard, CPCB Notification, 18 th November, 2009

PM<sub>10</sub> (24 Hrs) : 100, PM<sub>2.5</sub> (24 Hrs) : 60, SO<sub>2</sub> (24 Hrs.) : 80, NO<sub>2</sub> (24 Hrs.) : 80, CO : 4 (mg/m<sup>3</sup>)

Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager

(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager  
Authorised Signatory  
For, GREEN VISION

- Note: 1. This report refers to the values obtained at the time of testing and results related to the items tested.  
2. This certificate may not be reproduced in part or full without written permission of the management.  
3. Retention period of tested sample (Filter Paper) is 6 months from the date of issue test report unless otherwise specified.



# GREENVISION

(A leading environmental research laboratory)

Recognized by West Bengal Pollution Control Board

Urvashi Malhar, Phase II, MEAV-25, Bengal Ambuja Housing Complex, City Centre, Durgapur-713216  
Contact : 0343-2543019, 9732580459, 9433158173, email : greenvision.dgp@gmail.com, Website : www.greenvisiondurgapur.com



## TEST REPORT OF AMBIENT AIR ANALYSIS

FORMAT NO. : GV/LAB/FM/33A

Sample is drawn by M/s. Greenvision

U.L.R. No. : TC1100323000000431F

Report No. : GV/AR/23-24/226  
Name of Customer : M/s. Orissa Metallurgical Industry Pvt. Ltd.  
[Formerly M/s. Bansal Pvt. Ltd.]  
Address of Customer : Mouza : Mathurakismat, Gokulpur, Kharagpur,  
Dist. : Paschim Medinipur, Pin : 721301, W.B.  
Sample Description : Ambient Air  
Sampling Location : Amba Village  
Sample Condition : In GMF Filter Paper & Plastic Bottle  
Location of Testing : At Laboratory  
Sampling Method : CPCB, Emission Regulation (Part III)

Sample Ref. ID : AS-156-2023(3)  
Report Date : 29.09.2023  
Date of Sampling : 18.09.2023 to  
19.09.2023  
Date of Receiving : 20.09.2023  
Analysis Started On : 21.09.2023  
Analysis Completed On : 22.09.2023  
Time of Sampling : 09:10 am to  
09:10 am

### A. METROLOGICAL INFORMATION

Average Temperature (°C) : 31.5  
Average Relative Humidity (%) : 76.0  
Barometric Pressure (mm of Hg) : 756.0  
Smell or Odour : No Remarkable Smell  
Weather Condition : Clear Sky

### B. RESULT OF ANALYSIS

Sl. No.	Parameters	Unit	Concentration	Test Method
01.	Concentration of PM <sub>10</sub>	µg/m <sup>3</sup>	61.26	IS : 5182 (Part 23),2006
02.	Concentration of PM <sub>2.5</sub>	µg/m <sup>3</sup>	31.66	EPA CFR – 40 (pt 50) Appendix – 1 : 2003
03.	Concentration of SO <sub>2</sub>	µg/m <sup>3</sup>	8.05	IS : 5182 (Part 2),2006
04.	Concentration of NO <sub>2</sub>	µg/m <sup>3</sup>	28.62	IS : 5182 (Part 6),2006
05.	Concentration of CO	mg/m <sup>3</sup>	0.148	IS 5182 [Part 10] : 1999 Reaffirmed 2005

Limit : (µg/m<sup>3</sup>) National Ambient Air Quality Standard, CPCB Notification, 18 th November, 2009  
PM<sub>10</sub> (24 Hrs) : 100, PM<sub>2.5</sub> (24 Hrs) : 60, SO<sub>2</sub> (24 Hrs.) : 80, NO<sub>2</sub> (24 Hrs.) : 80, CO : 4 (mg/m<sup>3</sup>)

*S. Roy Chowdhury*  
Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager

*S. Roy Chowdhury*  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager  
Authorised Signatory  
For, GREEN VISION

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TC-11003

Urvashi Malhar, Phase II, MEAV-25, Bengal Ambuja Housing Complex, City Centre, Durgapur-713216

Contact : 0343-2543019, 9732580459, 9433158173, email : greenvision.dgp@gmail.com, Website : www.greenvisiondurgapur.com

## TEST REPORT OF AMBIENT AIR ANALYSIS

FORMAT NO. : GV/LAB/FM/33A

Sample is drawn by M/s. Greenvision

U.L.R. No. : TC1100323000000432F

Report No. : GV/AR/23-24/227

Sample Ref. ID : AS-156-2023(4)

Name of Customer : M/s. Orissa Metallurgical Industry Pvt. Ltd.  
[Formerly M/s. Bansal Pvt. Ltd.]

Report Date : 29.09.2023

Address of Customer : Mouza : Mathurakismat, Gokulpur, Kharagpur,  
Dist. : Paschim Medinipur, Pin : 721301, W.B.

Date of Sampling : 18.09.2023 to  
19.09.2023

Sample Description : Ambient Air

Date of Receiving : 20.09.2023

Sampling Location : Latibpur Village

Analysis Started On : 21.09.2023

Sample Condition : In GMF Filter Paper & Plastic Bottle

Analysis Completed On : 22.09.2023

Location of Testing : At Laboratory

Time of Sampling : 10:15 am to  
10:15 am

Sampling Method : CPCB, Emission Regulation (Part III)

### A. METROLOGICAL INFORMATION

Average Temperature (°C) : 31.5

Average Relative Humidity (%) : 76.0

Barometric Pressure (mm of Hg) : 756.0

Smell or Odour : No Remarkable Smell

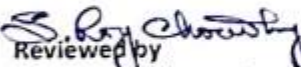
Weather Condition : Clear Sky

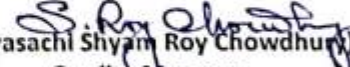
### B. RESULT OF ANALYSIS

Sl. No.	Parameters	Unit	Concentration	Test Method
01.	Concentration of PM <sub>10</sub>	µg/m <sup>3</sup>	58.19	IS : 5182 (Part 23),2006
02.	Concentration of PM <sub>2.5</sub>	µg/m <sup>3</sup>	30.41	EPA CFR – 40 (pt 50) Appendix – 1 : 2003
03.	Concentration of SO <sub>2</sub>	µg/m <sup>3</sup>	7.32	IS : 5182 (Part 2),2006
04.	Concentration of NO <sub>2</sub>	µg/m <sup>3</sup>	29.01	IS : 5182 (Part 6),2006
05.	Concentration of CO	mg/m <sup>3</sup>	0.126	IS 5182 [Part 10] : 1999 Reaffirmed 2005

Limit : (µg/m<sup>3</sup>) National Ambient Air Quality Standard, CPCB Notification, 18 th November, 2009

PM<sub>10</sub> (24 Hrs) : 100, PM<sub>2.5</sub> (24 Hrs) : 60, SO<sub>2</sub> (24 Hrs.) : 80, NO<sub>2</sub> (24 Hrs.) : 80, CO : 4 (mg/m<sup>3</sup>)

  
Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager

  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager  
Authorised Signatory  
For, GREEN VISION

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TC-11003

## TEST REPORT OF FUGITIVE AIR ANALYSIS

FORMAT NO. : GV/LAB/FM/33W

Sample is drawn by M/s. Greenvision		U.L.R. No. : TC1100323000000433F
Report No. : GV/AR/23-24/225		Sample Ref. ID : AS-156-2023(2)
Name of Customer : M/s. Orissa Metallurgical Industry Pvt. Ltd. [Formerly M/s. Bansal Pvt. Ltd.]		Report Date : 29.09.2023
Address of Customer : Mouza : Mathurakismat, Gokulpur, Kharagpur, Dist. : Paschim Medinipur, Pin : 721301, W.B.		Date of Sampling : 18.09.2023
Sample Description : Fugitive Air		Date of Receiving : 20.09.2023
Sampling Location : Ball Mill Area (1,2 & 3)		Analysis Started On : 21.09.2023
Sample Condition : In GMF Filter Paper & Plastic Bottle		Analysis Completed On : 22.09.2023
Location of Testing : At Laboratory		Time of Sampling : 08:30 am to 04:30 pm
Sampling Method : CPCB, Emission Regulation (Part III)		

### A. METROLOGICAL INFORMATION

Average Temperature (°C) : 32.0

Barometric Pressure (mm of Hg) : 756.0

### B. RESULT OF ANALYSIS

Sl. No.	Parameters	Unit	Concentration	Test Method
01.	Concentration of TSPM	µg/m <sup>3</sup>	653.12	IS : 5182 (Part 4),1999
02.	Concentration of SO <sub>2</sub>	µg/m <sup>3</sup>	8.05	IS : 5182 (Part 2),2006
03.	Concentration of NO <sub>2</sub>	µg/m <sup>3</sup>	28.01	IS : 5182 (Part 6),2006

Limit : (µg/m<sup>3</sup>) TSPM – 2000, SO<sub>2</sub> – 80, NO<sub>2</sub> – 80

Ref. : The Environment (Protection) Rules, 1986, Fourth Amendment, 2008 notified by G.S.R.414(E), dated 30.5.2008.

*S. Roy Chowdhury*  
Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager

*S. Roy Chowdhury*  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager  
Authorised Signatory  
For, GREEN VISION

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## TEST REPORT OF FUGITIVE AIR ANALYSIS

FORMAT NO. : GV/LAB/FM/33W

Sample is drawn by M/s. Greenvision		U.L.R. No. : TC1100323000000434F
Report No. : GV/AR/23-24/228		Sample Ref. ID : AS-156-2023(5)
Name of Customer : M/s. Orissa Metallurgical Industry Pvt. Ltd. [Formerly M/s. Bansal Pvt. Ltd.]		Report Date : 29.09.2023
Address of Customer : Mouza : Mathurakismat, Gokulpur, Kharagpur, Dist. : Paschim Medinipur, Pin : 721301, W.B.		Date of Sampling : 18.09.2023 to 19.09.2023
Sample Description : Fugitive Air		Date of Receiving : 20.09.2023
Sampling Location : Packing Section		Analysis Started On : 21.09.2023
Sample Condition : In GMF Filter Paper & Plastic Bottle		Analysis Completed On : 22.09.2023
Location of Testing : At Laboratory		Time of Sampling : 04:50 pm to 12:50 am
Sampling Method : CPCB, Emission Regulation (Part III)		

### A. METROLOGICAL INFORMATION

Average Temperature ( $^{\circ}\text{C}$ ) : 32.0

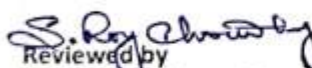
Barometric Pressure (mm of Hg) : 756.0


### B. RESULT OF ANALYSIS

Sl. No.	Parameters	Unit	Concentration	Test Method
01.	Concentration of TSPM	$\mu\text{g}/\text{m}^3$	735.08	IS : 5182 (Part 4),1999
02.	Concentration of $\text{SO}_2$	$\mu\text{g}/\text{m}^3$	7.32	IS : 5182 (Part 2),2006
03.	Concentration of $\text{NO}_2$	$\mu\text{g}/\text{m}^3$	30.62	IS : 5182 (Part 6),2006

Limit : ( $\mu\text{g}/\text{m}^3$ ) TSPM – 2000,  $\text{SO}_2$  – 80,  $\text{NO}_2$  – 80

Ref. : The Environment (Protection) Rules, 1986, Fourth Amendment, 2008 notified by G.S.R.414(E), dated 30.5.2008.

  
Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager

  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager  
Authorised Signatory  
For, GREEN VISION

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## TEST REPORT OF FUGITIVE AIR ANALYSIS

FORMAT NO. : GV/LAB/FM/33W

Sample is drawn by M/s. Greenvision		U.L.R. No. : TC1100323000000435F
Report No. : GV/AR/23-24/229		Sample Ref. ID : AS-156-2023(6)
Name of Customer : M/s. Orissa Metallurgical Industry Pvt. Ltd. [Formerly M/s. Bansal Pvt. Ltd.]		Report Date : 29.09.2023
Address of Customer : Mouza : Mathurakismat, Gokulpur, Kharagpur, Dist. : Paschim Medinipur, Pin : 721301, W.B.		Date of Sampling : 19.09.2023
Sample Description : Fugitive Air		Date of Receiving : 20.09.2023
Sampling Location : Raw Material Handling Area		Analysis Started On : 21.09.2023
Sample Condition : In GMF Filter Paper & Plastic Bottle		Analysis Completed On : 22.09.2023
Location of Testing : At Laboratory		Time of Sampling : 09:10 am to 05:10 pm
Sampling Method : CPCB, Emission Regulation (Part III)		

### A. METROLOGICAL INFORMATION

Average Temperature (°C) : 32.0

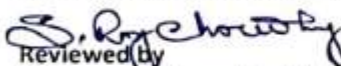
Barometric Pressure (mm of Hg) : 756.0


### B. RESULT OF ANALYSIS

Sl. No.	Parameters	Unit	Concentration	Test Method
01.	Concentration of TSPM	µg/m <sup>3</sup>	683.32	IS : 5182 (Part 4),1999
02.	Concentration of SO <sub>2</sub>	µg/m <sup>3</sup>	7.32	IS : 5182 (Part 2),2006
03.	Concentration of NO <sub>2</sub>	µg/m <sup>3</sup>	29.4	IS : 5182 (Part 6),2006

Limit : (µg/m<sup>3</sup>) TSPM – 2000, SO<sub>2</sub> – 80, NO<sub>2</sub> – 80

Ref. : The Environment (Protection) Rules, 1986, Fourth Amendment, 2008 notified by G.S.R.414(E), dated 30.5.2008.

  
Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager

  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager  
Authorised Signatory  
For, GREEN VISION

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## TEST REPORT OF FUGITIVE AIR ANALYSIS

FORMAT NO. : GV/LAB/FM/33W

Sample is drawn by M/s. Greenvision

U.L.R. No. : TC1100323000000436F

Report No. : GV/AR/23-24/230  
Name of Customer : M/s. Orissa Metallurgical Industry Pvt. Ltd.  
[Formerly M/s. Bansal Pvt. Ltd.]  
Address of Customer : Mouza : Mathurakismat, Gokulpur, Kharagpur,  
Dist. : Paschim Medinipur, Pin : 721301, W.B.  
Sample Description : Fugitive Air  
Sampling Location : Truck Parking Area  
Sample Condition : In GMF Filter Paper & Plastic Bottle  
Location of Testing : At Laboratory  
Sampling Method : CPCB, Emission Regulation (Part III)

Sample Ref. ID : AS-156-2023(7)  
Report Date : 29.09.2023  
Date of Sampling : 19.09.2023  
Date of Receiving : 20.09.2023  
Analysis Started On : 21.09.2023  
Analysis Completed On : 22.09.2023  
Time of Sampling : 09:40 am to  
05:40 pm

### A. METROLOGICAL INFORMATION

Average Temperature ( $^{\circ}\text{C}$ ) : 32.0

Barometric Pressure (mm of Hg) : 756.0

### B. RESULT OF ANALYSIS

Sl. No.	Parameters	Unit	Concentration	Test Method
01.	Concentration of TSPM	$\mu\text{g}/\text{m}^3$	645.62	IS : 5182 (Part 4),1999
02.	Concentration of $\text{SO}_2$	$\mu\text{g}/\text{m}^3$	9.52	IS : 5182 (Part 2),2006
03.	Concentration of $\text{NO}_2$	$\mu\text{g}/\text{m}^3$	31.83	IS : 5182 (Part 6),2006

Limit : ( $\mu\text{g}/\text{m}^3$ ) TSPM – 2000,  $\text{SO}_2$  – 80,  $\text{NO}_2$  – 80

Ref. : The Environment (Protection) Rules, 1986, Fourth Amendment, 2008 notified by G.S.R.414(E), dated 30.5.2008.

*S. Roy Chowdhury*  
Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager

*S. Roy Chowdhury*  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager  
Authorised Signatory  
For, GREEN VISION

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Recognized by West Bengal Pollution Control Board



TC-11003

Urvashi Malhar, Phase II, MEAV-25, Bengal Ambuja Housing Complex, City Centre, Durgapur-713216  
Contact : 0343-2543019, 9732580459, 9433158173, email : greenvision.dgp@gmail.com, Website : www.greenvisiondurgapur.com

## TEST REPORT OF WATER ANALYSIS

FORMAT NO. : GV/LAB/FM/33W

Sample is drawn by	: Mr. Uttam Kr. Sil, Field Sampler	Laboratory Ref. No.	: DS-007-2023
Sample identification	: Nil	Report Date	: 29.09.2023
Report No.	: GV/DW/OMIPL/23-24/003	Date of Sampling	: 19.09.2023
Issued To	: M/s. Orissa Metallurgical Industry Pvt. Ltd. [Formerly M/s. Bansal Pvt. Ltd.]		
Address	: Mouza : Mathurakismat, Gokulpur, Kharagpur, Dist. : Paschim Medinipur, Pin : 721301, W.B.		
Sample Condition	: In Glass Bottle & Plastic Bottle	Sample Received on	: 20.09.2023
Sample Description	: Drinking Water	Analysis Started on	: 21.09.2023
Sampling Method	: APHA 24 <sup>th</sup> EDITION, 1060	Analysis Completed	: 27.09.2023
Location	: Tap Near Q.C. Laboratory	Time of Sampling	: 04:15 pm

Sl. No.	Parameters	Unit	Result	As Per IS:10500:2012		Method Followed [APHA 24 <sup>th</sup> EDITION]
				Acceptable Limit	Permissible limit in the absence of alternate source	
1.	pH (at 25°C)	-	6.78	6.5 to 8.5	No Relaxation	4500-H <sup>+</sup> B
2.	Colour	Hazen	1.0	5.0	15.0	2120 B
3.	Odour	-	Agreeable	Agreeable	Agreeable	2150 B
4.	Taste	-	Agreeable	Agreeable	Agreeable	2160 A
5.	Turbidity	N.T.U.	0.54	1	5	2130 B
6.	Conductivity	µS/cm	420.0	-	-	2510 B
7.	Total Dissolved Solid (TDS)	mg/L	306.0	500	2000	2540 C
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	148.0	200	600	2340 C
9.	Chloride as Cl	mg/L	16.39	250	1000	4500Cl <sup>-</sup> B
10.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	140.0	200	600	2320 B
11.	Sulfate as SO <sub>4</sub>	mg/L	26.0	200	400	4500 SO <sub>4</sub> <sup>2-</sup> E
12.	Nitrate as NO <sub>3</sub> <sup>-</sup>	mg/L	4.0	45.0	No Relaxation	4500 NO <sub>3</sub> <sup>-</sup>



# GREENVISION

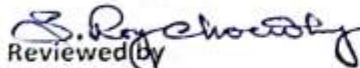
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Contact : 0343-2543019, 9732580459, 9433158173, email : greenvision.dgp@gmail.com, Website : www.greenvisiondurgapur.com



13.	Fluoride as F	mg/L	< 0.2	1	1.5	4500 FD
14.	Calcium as Ca	mg/L	24.85	75	200	3500- Ca B
15.	Magnesium as Mg	mg/L	20.9	30	100	3500- Mg B
16.	Iron as Fe	mg/L	< 0.1	0.3	No Relaxation	3500-Fe B
17.	Residual Free Chlorine	mg/L	Nil	0.2	1.0	4500-Cl B
18.	Aluminium as Al	mg/L	< 0.01	0.03	0.2	3500-Al B
19.	Total Chromium as Cr	mg/L	< 0.01	0.05	No Relaxation	3500-Cr C
20.	Copper as Cu	mg/L	< 0.01	0.05	1.5	3500-Cu B
21.	Lead as Pb	mg/L	< 0.001	0.01	No Relaxation	3500-Pb B
22.	Cyanide as Cn	mg/L	< 0.01	0.05	No Relaxation	4500-CN C
23.	Nickel as Ni	mg/L	< 0.01	0.02	No Relaxation	3500-Ni
24.	Cadmium as Cd	mg/L	< 0.001	0.003	No Relaxation	3500-Cd
25.	Arsenic as As	mg/L	< 0.001	0.01	0.05	3500-As B
26.	Zinc as Zn	mg/L	< 1.0	5.0	15.0	3500-Zn B
27.	Mercury as Hg	mg/L	< 0.001	0.001	No Relaxation	3500-Hg
28.	Total Coliform / 100ml.	MPN/100ml	Absent	Absent	Absent	9221 B
29.	E. Coli / 100ml	MPN/100ml	Absent	Absent	Absent	9221 F

  
Reviewed by  
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Quality Manager

  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager  
Authorised Signatory  
For, GREEN VISION

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**ORISSA METALLURGICAL INDUSTRY PRIVATE LIMITED**  
**(Previously Bansal Cement Pvt. Ltd.)**

**GREENBELT DEVELOPMENT DETAILS**

Management has developed greenbelt of 35% (approx.) in and all along the boundary wall. For developing Green Belt @2500 per hectare along and around boundary of the plant sapling/plantation already started. In financial year 2023-24 till September 2023 around 320 nos. of trees/saplings were planted.

**The details are :**

<b>PLANTATION DETAILS FY 2023-24 (Till Sept-2023)</b>							
<b>SL. NO.</b>	<b>SPECIES PLANTED</b>	<b>QUANTITY IN NUMBERS</b>					
1	NEEM	67					
2	CHHATIM	64					
3	KRISHACHURA	64					
4	CONOCARPUS	45					
5	OLEANDER	80					
<b>Survival of plantation</b>		<b>Before 2019</b>	<b>2019 - 2020</b>	<b>2020 - 2021</b>	<b>2021 - 2022</b>	<b>2022 - 2023</b>	<b>2023 - 2024 (Till Sept.)</b>
Total Seeding / Plantation (No)		1710	400	910	260	350	320
Survival Trees (No) as on date of EC		1610	380	865	247	343	314
Survival		80 %	95 %	95 %	95 %	98 %	98 %
<b>Total Survival Trees / Sapling Till Date</b>		<b>3759</b>					
<b>Total land Area of Project (Acres)</b>		<b>9.0 Acres</b>					
<b>Greenbelt development as per EC (Acres)</b>		<b>3.1 Acres</b>					
<b>Area Covered under green belt (Acres)</b>		<b>3.1 Acres (35%)</b>					
<b>Area Covered under green belt (%)</b>		<b>35%</b>					

**GREENBELT DEVELOPMENT PLAN FOR THE YEAR 2023-2024**  
**(OCTOBER 2023 TO MARCH 2024)**

<b>Sl. No.</b>	<b>Year</b>	<b>Sapling Nos. (@2500)</b>	<b>Area to be Covered</b>	<b>Species Type</b>	<b>Location</b>
1	FY 2023-24	250	Gap filling and increasing density per acres (@2500)	Kadam, , Radhachura, Chatim, Krishnachura.	Inside the plant boundary wall along and around boundary of the site Administrative & Canteen Area, Product Storage Yard, Truck Parking Area, Rain water harvesting pond.





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## TEST REPORT OF NOISE LEVEL MONITORING

FORMAT NO. : GV/LAB/FM/33N

Sample is drawn by	: M/s. Greenvision	U.L.R. No. : TC1100323000000437F
Report No.	: GV/NL/23-24/066	Sample Ref. ID : NLM-056-2023(1)
Name of Customer	: M/s. Orissa Metallurgical Industry Pvt. Ltd. [Formerly M/s. Bansal Pvt. Ltd.]	Report Date : 29.09.2023
Address of Customer	: Mouza : Mathurakismat, Gokulpur, Kharagpur, Dist. : Paschim Medinipur, Pin : 721301, W.B.	Date of Sampling : 18.09.2023
Sample Description	: Noise Level	Total Time : 1 Hr.
Sampling Location	: Amba Village	Sampling Method : IS : 9989 :1981
Noise Level Limit	: Day Time : 55 dB(A), Night Time : 45 dB(A) { Source : The Noise Pollution (Regulation and Control) Rules, 2000}	
Monitoring Details	: Distance from Object : 3.0 Mtr. Height from the Ground : 1.5 Mtr.	
Category of Area	: Residential Area	

Noise Level dB (A)					
Day Time (06:00Hrs to 22:00 Hrs.)			Night Time (22:00 Hrs. to 06:00 Hrs.)		
Max.	Min.	Leq.	Max.	Min.	Leq.
61.8	51.8	57.5	54.2	47.8	50.7

*S. Roy Chowdhury*  
Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager

*S. Roy Chowdhury*  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager  
Authorised Signatory  
For, GREEN VISION

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Branch Office : Durgachak, Haldia, Purba Medinipur, Ph. : 8101647425 M.N. Sarkar Road, Mahananda Para, Siliguri-734001





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Urvashi Malhar, Phase II, MEAV-25, Bengal Ambuja Housing Complex, City Centre, Durgapur-713216  
Contact : 0343-2543019, 9732580459, 9433158173, email : greenvision.dgp@gmail.com, Website : www.greenvisiondurgapur.com



## TEST REPORT OF NOISE LEVEL MONITORING

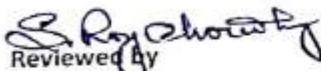
FORMAT NO. : GV/LAB/FM/33N

U.L.R. No. : TC1100323000000438F

Sample is drawn by : M/s. Greenvision  
Report No. : GV/NL/23-24/067  
Name of Customer : M/s. Orissa Metallurgical Industry Pvt. Ltd.  
[Formerly M/s. Bansal Pvt. Ltd.]  
Address of Customer : Mouza : Mathurakismat, Gokulpur, Kharagpur,  
Dist. : Paschim Medinipur, Pin : 721301, W.B.  
Sample Description : Noise Level  
Sampling Location : Near Plant Main Gate  
Noise Level Limit : Day Time : 75 dB(A), Night Time : 70 dB(A)  
{ Source : The Noise Pollution (Regulation and Control) Rules, 2000}  
Monitoring Details : Distance from Object : 3.0 Mtr.  
Height from the Ground : 1.5 Mtr.  
Category of Area : Industrial Area

Sample Ref. ID : NLM-056-2023(2)  
Report Date : 29.09.2023  
Date of Sampling : 18.09.2023 & 19.09.2023  
Total Time : 1 Hr.  
Sampling Method : IS : 9989 :1981

Noise Level dB (A)					
Day Time (06:00Hrs to 22:00 Hrs.)			Night Time (22:00 Hrs. to 06:00 Hrs.)		
Max.	Min.	Leq.	Max.	Min.	Leq.
64.9	57.2	62.3	63.3	55.4	59.2

  
Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager

  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager  
Authorised Signatory  
For, GREEN VISION

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TC-11003


Urvashi Malhar, Phase II, MEAV-25, Bengal Ambuja Housing Complex, City Centre, Durgapur-713216  
Contact : 0343-2543019, 9732580459, 9433158173, email : greenvision.dgp@gmail.com, Website : www.greenvisiondurgapur.com

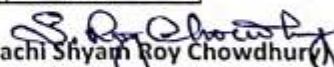
## TEST REPORT OF NOISE LEVEL MONITORING

FORMAT NO. : GV/LAB/FM/33N

Sample is drawn by : M/s. Greenvision U.L.R. No. : TC1100323000000439F  
Report No. : GV/NL/23-24/068 Sample Ref. ID : NLM-056-2023(3)  
Name of Customer : M/s. Orissa Metallurgical Industry Pvt. Ltd. Report Date : 29.09.2023  
[Formerly M/s. Bansal Pvt. Ltd.]  
Address of Customer : Mouza : Mathurakismat, Gokulpur, Kharagpur, Date of Sampling : 18.09.2023 &  
Dist. : Paschim Medinipur, Pin : 721301, W.B. 19.09.2023  
Sample Description : Noise Level Total Time : 24 Hrs.  
Sampling Location : Near No. 1 & 2 Ball Mill Sampling Method : IS : 9989 :1981

Time	Lmax dB (A)	Lmin dB (A)	Leq dB (A)
10:40 hrs. to 11:40 hrs.	64.7	59.6	63.4
11:40 hrs. to 12:40 hrs.	64.0	58.4	62.5
12:40 hrs. to 13:40 hrs.	63.3	57.0	61.4
13:40 hrs. to 14:40 hrs.	65.9	57.7	63.0
14:40 hrs. to 15:40 hrs.	65.5	59.8	64.0
15:40 hrs. to 16:40 hrs.	63.8	56.3	61.2
16:40 hrs. to 17:40 hrs.	67.6	59.4	64.8
17:40 hrs. to 18:40 hrs.	66.2	58.7	63.6
18:40 hrs. to 19:40 hrs.	64.8	55.7	61.4
19:40 hrs. to 20:40 hrs.	64.2	56.4	61.6
20:40 hrs. to 21:40 hrs.	63.4	55.2	61.0
21:40 hrs. to 22:40 hrs.	65.0	56.3	61.9
22:40 hrs. to 23:40 hrs.	62.5	54.8	60.0
23:40 hrs. to 00:40 hrs.	62.0	54.2	59.3
00:40 hrs. to 01:40 hrs.	61.4	53.8	58.8
01:40 hrs. to 02:40 hrs.	60.5	53.3	58.3
02:40 hrs. to 03:40 hrs.	61.7	54.0	59.1
03:40 hrs. to 04:40 hrs.	60.9	53.5	58.5
04:40 hrs. to 05:40 hrs.	62.4	54.6	59.8
05:40 hrs. to 06:40 hrs.	64.0	56.2	61.3
06:40 hrs. to 07:40 hrs.	66.2	58.0	63.5
07:40 hrs. to 08:40 hrs.	65.6	60.4	64.2
08:40 hrs. to 09:40 hrs.	64.0	57.6	62.0
09:40 hrs. to 10:40 hrs.	63.5	57.8	62.8

  
Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager

  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager  
Authorised Signatory  
For, GREEN VISION

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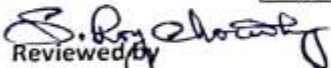
TC-11003

## TEST REPORT OF NOISE LEVEL MONITORING

FORMAT NO. : GV/LAB/FM/33N

Sample is drawn by : M/s. Greenvision U.L.R. No. : TC110032300000440F  
Report No. : GV/NL/23-24/069 Sample Ref. ID : NLM-056-2023(4)  
Name of Customer : M/s. Orissa Metallurgical Industry Pvt. Ltd. Report Date : 29.09.2023  
[Formerly M/s. Bansal Pvt. Ltd.]  
Address of Customer : Mouza : Mathurakismat, Gokulpur, Kharagpur, Date of Sampling : 18.09.2023 &  
Dist. : Paschim Medinipur, Pin : 721301, W.B. 19.09.2023  
Sample Description : Noise Level Total Time : 24 Hrs.  
Sampling Location : Near No. 3 Ball Mill Sampling Method : IS : 9989 :1981

Time	Lmax dB (A)	Lmin dB (A)	Leq dB (A)
11:50 hrs. to 12:50 hrs.	63.6	55.3	60.8
12:50 hrs. to 13:50 hrs.	64.5	56.8	62.0
13:50 hrs. to 14:50 hrs.	62.2	54.4	59.7
14:50 hrs. to 15:50 hrs.	60.7	55.3	59.2
15:50 hrs. to 16:50 hrs.	65.6	58.9	63.6
16:50 hrs. to 17:50 hrs.	61.9	55.6	59.1
17:50 hrs. to 18:50 hrs.	65.2	57.9	62.8
18:50 hrs. to 19:50 hrs.	62.7	53.6	59.3
19:50 hrs. to 20:50 hrs.	64.3	55.5	61.0
20:50 hrs. to 21:50 hrs.	63.6	54.9	60.2
21:50 hrs. to 22:50 hrs.	62.5	53.3	58.7
22:50 hrs. to 23:50 hrs.	60.3	52.7	57.3
23:50 hrs. to 00:50 hrs.	61.2	53.5	58.0
00:50 hrs. to 01:50 hrs.	60.4	51.8	56.7
01:50 hrs. to 02:50 hrs.	65.3	57.6	62.1
02:50 hrs. to 03:50 hrs.	64.2	57.8	61.7
03:50 hrs. to 04:50 hrs.	63.5	58.6	62.3
04:50 hrs. to 05:50 hrs.	65.7	58.2	63.4
05:50 hrs. to 06:50 hrs.	64.8	56.6	62.0
06:50 hrs. to 07:50 hrs.	63.4	59.9	62.9
07:50 hrs. to 08:50 hrs.	65.0	59.7	63.7
08:50 hrs. to 09:50 hrs.	64.4	58.4	62.8
09:50 hrs. to 10:50 hrs.	66.7	58.2	63.8
10:50 hrs. to 11:50 hrs.	63.3	55.7	60.8

  
Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager

  
(Sabyasachi Shyam Roy Chowdhury)  
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**STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY**

**Pranisampad Bhawan, 5<sup>th</sup> floor, LB 2, Sector-III, Salt Lake, Kolkata – 700 106**

**e-mail: [environmentwb@gmail.com](mailto:environmentwb@gmail.com)**

**Web Portal: [www.environmentwb.gov.in](http://www.environmentwb.gov.in)**

No. 820 /EN/T-II-1/045/2017

Date: 27<sup>th</sup> April, 2023

To  
M/s. Orissa Metallurgical Industry Private Limited.,  
Garstin Place, Room No 3B,  
Kolkata-700001

Sub: Transfer of Environmental Clearance for proposed expansion of the existing cement grinding unit from 0.072 MTPA to 1.45 MTPA through up upgradation/modification of the existing plant and by installation of 1x1800 TPD+1x200 TPD ball mill and 1x2000 TPD VRM in the existing premises at village- Gokulpur, P.O.-Shyamraipur, P.S- Kharagpur(L) Dist.- paschim Medinipur, West Bengal from M/s. Bansal Cement Private Limited to M/s. Orissa Metallurgical Industry Private Limited. (proposal no. SIA/WB/IND/297756/2023)

Sir,

SEIAA in its meeting held on 13.04.23 considered the EC transfer application made by M/s Orissa Metallurgical Industry Private Limited vide online application no. SIA/WB/IND/297756/2023 made in the PARIVESH Portal and approved the same.

Therefore, Environmental Clearance issued vide No. 3310/EN/T-II-1/045/2017 dated 03.10.2018 and corrigendum in EC vide letter no. 231/EN/T-II-1/045/2017 dated 04.02.2019 is hereby transferred from M/s. Bansal Cement Private Limited to M/s. Orissa Metallurgical Industry Private Limited. All terms and conditions mentioned in the EC No. 3310/EN/T-II-1/045/2017 dated 03.10.2018 and corrigendum in EC vide letter no. 231/EN/T-II-1/045/2017 dated 04.02.2019 would remain the same.



(K. Balamurugan)  
Member Secretary, SEIAA

No. 820 /EN/T-II-1/045/2017

Date: 27<sup>th</sup> April, 2023

Copy forwarded for the information to:  
The Secretary, State Level Expert Appraisal Committee, West Bengal Pollution Control Board,  
Paribesh Bhavan', LA, Salt Lake Sector III, Kolkata – 700106



Member Secretary, SEIAA

## ACKNOWLEDGEMENT

This is to acknowledge that **ORISSA METALLURGICAL INDUSTRY PRIVATE LIMITED** has provided the information on PARIVESH Portal in respect of **Change in configuration of the Ball Mill from 1 x 1800 TPD to 3 x 600 TPD Under clause 7 II C of EIA Notification 2006 and the amendment thereof** in the format attached herewith under the provisions of S.O.980-(E), dated 21st March, 2021.

To claim exemption from obtaining Prior Environment Clearance in respect of any increase in production capacity with or without any change in (i) raw material-mix or (ii) product-mix or (ii) quantities within products or (ii) number of products including new products falling in the same category or (iv) configuration of the plant or process or operations in existing area or in areas contiguous to the existing area specified in the environmental clearance of the project., the project proponent / SPCB or UTPCC shall follow the following process:-

1. The project proponent shall inform the SPCB or UTPCC, as the case may be, in specified format along with-

- (i) 'no increase in pollution load' certificate from the Environmental Auditor or reputed institutions empanelled by the SPCB or UTPCC or CPCB or Ministry;
- (ii) last Consent to Operate certificate for the project or activity; and
- (iii) online system generated acknowledgement of uploading of intimation and 'no increase in pollution load' certificate on PARIVESH Portal;

2. Based on the submission of above information, the project proponent may carry on the proposed activity as per the submitted details. However, if on verification the SPCB or UTPCC, as the case may be, holds that the change or expansion or modernization will result or has resulted in increase in pollution load, the exemption claimed under this clause shall not be valid and it shall be deemed that the project proponent was liable to obtain Prior Environmental Clearance before under taking such changes or increase, as per the clause (a) of sub-paragraph (ii) of paragraph 7 of EIA Notification, 2006 and the provisions of Environment (Protection) Act, 1986 shall apply accordingly.

Encl: Attached the Information provided by the project proponent

### INITIAL QUESTIONNAIRE

Single Window No	SW/2560/2023
Whether Project/Activity accorded prior EC?	Yes
If Yes, Is project details available in the PARIVESH?	No
Proposal No/MOEFCC File/SEIAA File No	SIA/WB/IND/297756/2023
Category (eg. Category A=MOEFCC, Category B=SEIAA/SEAC Proposal)	Category B
Whether Project/Activity falls in the category of Processing or Production or Manufacturing Sectors	Yes
Item number as per schedule to EIA Notification, 2006	3(b) Cement plants
Whether Project/Activity falls in 'B2' Category	No

Whether the instant proposal tantamount to change in Category?(e.g. 'B2' to 'B1' or 'B2' to 'A')

Submit Date

10-05-2023 12:06:59

### Project Details

1. Name of the Project or Activity \* Change in configuration of the Ball Mill from 1 x 1800 TPD to 3 x 600 TPD Under clause 7 II C of EIA Notification 2006 and the amendment thereof

2. Name of the Project Proponent \* ORISSA METALLURGICAL INDUSTRY PRIVATE LIMITED

3. Address for the correspondence with Telephone and e-mail address \* 1, GARSTIN PLACE, ROOM NO 3B

State \* West Bengal Distict \* Kolkata

Tehshil \* Kolkata Village \* KOLKATA

PinCode \* 700001

4. category of the project as per schedule, as per the schedule of EIA Notification,2006 \* B1

### 5. Location of the project

Plot/Survey/Khasra number : \* J.L. NO-114

State \* West Bengal Village : \* GOKULPUR

Tehshil \* Kharagpur - I Distict \* West Medinipur

Bounded latitudes of the Project/activity site :

From \* 22 23 0 To \* 22 22 93

Bounded Longitudes of the Project/activity site :

From \* 87 16 79 To \* 87 16 87

Geographic data file upload(KML File)\* [Download](#)

5A. Whether project activity proposed to be carried out in contiguous area in addition to the existing area ? \*

NO

6. Whether the project proposed to be located in the Notified industrial area? \*

NO

7. Whether the Project/ Activity granted Environmental Clearance earlier? \*

YES

MoEFCC / SEIAA File No./ PARIVESH Proposal No \*

3310/EN/T-II-1/045/2017

Date of Grant\*

03-10-2018 00:00:00

Upload EC letter of Industrial area \*

(Upload PDF File only)  
[Download](#)

### 8. Details of Consent under Air (P&CP) Act, 1981 & Water (P&CP) Act, 1974

Sno.	Consent No/Application no	Date	Valid Up to	Upload copy of Consent order
1	CO113613 & NOC-159353 DATED 07.01.2019	28 Oct 2021	31 Dec 2026	<a href="#">Download</a>

### 9. Details of Authorization under Hazardous & Other Waste Management Rules, 2016 and subsequent amendment

Sno.	Consent No/Application no	Date	Valid Up to	Upload copy of Consent order
------	---------------------------	------	-------------	------------------------------

**10. Details of products & by-products including changes in product mix**

Sno.	List of products/by-products permitted under EC / CTO	CAS Number	Quantity permitted under EC / CTO (TPD / TPM / TPA)	unit	List of products/by-products proposed under clause 7(ii)(b)	CAS Number	Quantity proposed under clause	unit	Remarks
1	CEMENT (PCC, PSC, OPC, Composite)	0	1450000	Tons per Annum (TPA)	0	0	0	Others	change the unit configuration of Ball mill from 1 x 1800 TPD to 3 x 600 TPD

**11. Details of Raw materials including water consumption and fuel consumption including changes in the raw material mix**

Sno.	List of raw materials envisaged under EC / CTO	CAS Number	Quantity permitted under EC / CTO (TPD / TPM / TPA)	unit	Raw materials proposed under clause 7(ii)(b)	CAS Number	Quantity proposed under clause 7(ii)(b) (TPD / TPM / TPA)	unit	Remarks
1	Clinker	0	1014400	Tons per Annum (TPA)	0	0	0	Others	NO CHANGE
2	SLAG	0	358000	Tons per Annum (TPA)	0	0	0	Others	NO CHANGE
3	FLY ASH	0	434200	Tons per Annum (TPA)	0	0	0	Others	NO CHANGE
4	GYPSUM	0	72600	Tons per Annum (TPA)	0	0	0	Tons per Annum (TPA)	NO CHANGE
5	COAL	0	47700	Tons per Annum (TPA)	0	0	0	Others	NO CHANGE

**12. Approval for additional water consumption if applicable \*****13. Details of Effluent Generation****A. Quantity**

Sno.	Details as per	Propose	Quantity of existing effluent generation (as per EC/CTO)	unit	Quantity of effluent generation after the proposed change in product or raw material mix	unit	Mode of Disposal & Ultimate Receiving Body
------	----------------	---------	--	------	--	------	--

1	EC	INDUSTRIAL	3	Kilo liters per Day (KLD)	0	Others	REUSE RECYCLE AFTER PRIMARY TREATMENT
2	EC	DOMESTIC	2.8	Kilo liters per Day (KLD)	0	Others	SEPTIC TANK FOLLOWED BY SOAK PIT

### B. Quality

Sno.	Details as per	Composition	Concentration	unit	Composition after proposed change in product or raw material mix (eg. COD/BOD/TSS/TDS/Others)	Concentration after proposed change in product or raw material mix	unit	Remarks
1	EC	pH	9.0	Others	pH	9.0	Others	NO CHANGE
2	EC	TSS	100	Part per Million (PPM)	TSS	100	Part per Million (PPM)	NO CHANGE
3	EC	BOD	30	Part per Million (PPM)	BOD	30	Part per Million (PPM)	NO CHANGE
4	EC	COD	250	Part per Million (PPM)	COD	250	Part per Million (PPM)	NO CHANGE
5	EC	OIL & GREASE	10	Part per Million (PPM)	OIL & GREASE	10	Part per Million (PPM)	NO CHANGE

### C. Total load in respect of Effluent

(Note: The 'total pollution load' shall be ascertained by multiplication of quantity and concentration of different components and parameters)

Sno.	Details as per	Total load in respect of Effluent post treatment	unit	Treatment facility existing (with capacity)	unit	Total load in respect of Effluent after proposed change in product or raw material mix	unit	Treatment facility proposed with capacity after proposed change in product or raw material mix	unit	Remarks
1	EC	0	Others	5	Kilo liters per Day (KLD)	0	Others	5	Kilo liters per Day (KLD)	SEPTIC TANK FOLLOWED BY SOAK PIT FOR DOMESTIC WATER

### D. Details of effluent management:

Whether Segregation of Concentrated stream and its disposal is proposed? \*

No

Whether Reduction / Recycle / Reuse of effluent are proposed? \*

Yes

Whether any additional Effluent Treatment Facilities Provided? \*

No



Whether is there any proposal for up-gradation of ETP? \*

No

Whether the unit is having Membership of Common Effluent Conveyance / Disposal Facility? \*

No

Whether it is Proposed to achieve zero discharge? \*

Yes

Whether Project has Membership of CETP? \*

No

Brief report on details of effluent management; Segregation of Concentrated stream and its disposal; Details of Reduction / Recycle / Reuse of effluent; Effluent Treatment Facilities Provided; Proposal for up-gradation of ETP (with time bound program); Membership of CETP (if any); Membership of Common Effluent Conveyance / Disposal Facility (if any); Proposal to achieve zero discharge with technical justification and feasibility; etc.\*

[Download](#)

#### 14. Details of Emission Generation

##### A. Quantity

##### (i) From Stacks

Sno.	Details as per	Point Source	Height of stack (m)	Emission rate	Unit	Total emission	Unit	After the proposed change in product or raw material mix Emission rate	Unit	After the proposed change in product or raw material mix Total emission	Unit
1	EC	Ball Mill-II -1 x 100 TPD	35	30	Miligram per Normal cubic meter (mg/Nm <sup>3</sup> )	15.55	Kg Per Day	28	Miligram per Normal cubic meter (mg/Nm <sup>3</sup> )	14.69	Kg Per Day
2	EC	Ball Mill-I- 1 x 100 TPD with Packing Section 1	35	30	Miligram per Normal cubic meter (mg/Nm <sup>3</sup> )	15.55	Kg Per Day	28	Miligram per Normal cubic meter (mg/Nm <sup>3</sup> )	14.69	Kg Per Day
3	EC	Ball Mill-III- 1 x 200 TPD with Packing Section-3	35	30	Miligram per Normal cubic meter (mg/Nm <sup>3</sup> )	12.96	Kg Per Day	28	Miligram per Normal cubic meter (mg/Nm <sup>3</sup> )	12.09	Kg Per Day
4	EC	VRM- 1 X 2000 TPD with inbuilt Coal fired slag dryer-80 TPH	35	30	Miligram per Normal cubic meter (mg/Nm <sup>3</sup> )	40.61	Kg Per Day	28	Miligram per Normal cubic meter (mg/Nm <sup>3</sup> )	15.56	Kg Per Day
5	EC	Coal fired slag dryer-5 TPH	35	30	Mg/Cu.M	11.23	Kg Per Day	28	Mg/Cu.M	17.28	Kg Per Day
6	EC	Ball Mill-IV- 1 x 1800 TPD	35	30	Mg/Cu.M	16.42	Kg Per Day	0	Others	0	Others
7	EC	Ball Mill-IV- 1 x 600 TPD	35	0	Others	0	Others	28	Miligram per Normal	9.5	Kg Per Day

8	EC	Ball Mill-V- 1 x 600 TPD	35	0	Others	0	Others	28	cubic meter (mg/Nm3)	Mg/Cu.M	9.5	Kg Per Day
9	EC	Ball Mill-VI- 1 x 600 TPD	35	0	Others	0	Others	28	Miligram per Normal cubic meter (mg/Nm3)		9.5	Kg Per Day

(ii) From Fugitive sources

(Fugitive source details should be entered for each and every Stack,-so the content of table availability depend on the number of Stacks entered)

Sno.	Details as per	Fugitive Sources	Height of discharge	Emission rate	Unit	Total emission	Unit	After the proposed change in product or raw material mix Emission rate	Unit	After the proposed change in product or raw material mix Total emission	Unit
1	EC	Packing Section-IV	35	30	Miligram per Normal cubic meter (mg/Nm3)	12.96	Kg Per Day	28	Mg/Cu.M	12.1	Kg Per Day
2	EC	Packing Section-V	35	0	Others	0	Others	28	Mg/Cu.M	12.1	Kg Per Day
3	EC	Raw Material Storage Yard (Tunnel-3)	35	30	Mg/Cu.M	13.82	Kg Per Day	28	Mg/Cu.M	10.37	Kg Per Day
4	EC	Silo-2 & 3	5	30	Mg/Cu.M	20.74	Kg Per Day	28	Mg/Cu.M	19.87	Kg Per Day
5	EC	Silo-1,4,5& 6	5	30	Mg/Cu.M	60.48	Kg Per Day	28	Mg/Cu.M	52.7	Kg Per Day
6	EC	Raw Material Tunnel II	35	30	Miligram per Normal cubic meter (mg/Nm3)	6.05	Kg Per Day	28	Mg/Cu.M	6.05	Kg Per Day
7	EC	Raw Material Tunnel I	35	30	Mg/Cu.M	6.05	Kg Per Day	28	Mg/Cu.M	5.18	Kg Per Day
8	EC	Packing Section -II	35	30	Mg/Cu.M	12.96	Kg Per Day	28	Mg/Cu.M	12.1	Kg Per Day

(iii) From other sources

Sno.	Details as per	Fugitive Sources	Height of discharge	Emission rate	Unit	Total emission	Unit	After the proposed change in product	Unit	After the proposed change in product	Unit
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							or raw material mix Emission rate		or raw material mix Total emission		
1	EC	Dynamic Separator	35	0	Others	0	Others	28	Mg/Cu.M	9.5	Kg Per Day

#### B. Quality

Sno.	Details as per	Stack attached to	Stack Height in Meter	APCM	Parameter (eg. PM10/PM25/SO2/NOx/Others)	Note: If specified in CTO, the same shall be filled up	Unit	After the proposed change in product or raw material mix	Unit
1	EC	Ball mill, VRM, PACKING SECTION, RAW MATERIAL TUNNEL, PACKAGING SECTION & SILO	35	Bag Filter, ID Fan	PM	30	Miligram per Normal cubic meter (mg/Nm3)	28	Miligram per Normal cubic meter (mg/Nm3)

#### C. Total load in respect of Emission

(Note: The 'total pollution load' shall be ascertained by multiplication of quantity and concentration of different components and parameters)

Sno.	Details as per	Total load in respect of emission	Unit	APCM existing with capacity	Unit	Total load in respect of emission after proposed change in product or raw material mix	Unit	APCM proposed with capacity after proposed change in product or raw material mix	Unit	Remarks
1	EC	246.24	Kg Per Day	0	Others	241.9	Kg Per Day	0	Others	Company has proposed to follow the stringent emission rate of 28 mg/Nm3 by using Bag filter & Cyclone

#### D. Details of effluent management:

Whether there is any Proposal for switching over to cleaner fuel? \*

No

Whether there is any Proposal for the up-gradation of existing APCM? (with the time-bound program) \*

Yes

Whether there is Proposal for the installation of new APCM? (with time-bound program) \*

Yes

**Brief report on details of emission management:**

Proposal for switching over to cleaner fuel,

if any (with time bound program);

Proposal for up-gradation of existing APCM,

if any (with time bound program);

Proposal for installation of new APCM

(with time bound program); etc.\*

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**15. Hazardous Waste Generation (Details for EC/CTO shall not be fetched from DB, it shall be manually entered)**

**A. Quantity and type of waste**

Sno.	Details as per	Type of Waste	Category (As per Schedule under Hazardous & Other Waste Management Rules, 2016)	Existing Note: If specified in CTO, the same shall be filled up	Unit	After Change in Product Mix	Unit	Source of Generation	Mode of Storage	Mode of Treatment & Disposal method
1	CTO	Used Oil	5.1	0.2	Tons per Annum (TPA)	0.2	Tons per Annum (TPA)	PLANT MACHINERIES	Stored in HDPE container IN HZW STORE	Sold to WBPCB authorized vendor
2	CTO	Cotton Waste	5.2	0.03	Tons per Annum (TPA)	0.03	Tons per Annum (TPA)	PLANT MACHINERIES	Stored in HDPE container IN HZW STORE	sent to WBPCB Authorized CHWTSD
3	CTO	Damaged Bag Filters	35.1	1.56	Tons per Annum (TPA)	1.56	Tons per Annum (TPA)	APCD	Stored in HDPE container IN HZW STORE	sent to WBPCB Authorized CHWTSD

**B. Details of Waste management:**

Whether Proposal for reduction / recovery / reuse / recycle / sale of waste (with technical details) is proposed? \*

Yes

Whether Project has Membership of Common Secured Landfill Site? \*

No

Whether Project has Membership of Common hazardous waste incineration facility? \*

Yes

**Brief report on Details of Waste management:**

Proposal for reduction / recovery / reuse / recycle /

sale of waste, if any; Proposal for efficient

recovery of solvents (with technical details);

Membership of Common Secured Landfill Site (if any);

Membership of Common hazardous waste

incineration facility (if any).\*

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**16. No Increase in Pollution Load” certificates from the authorized environmental auditor and countersigned by Project Proponent.**

Sno.	Authorized environmental auditor/Reputed Institution Empanelled by the SPCB/CPCB/MoEF	Detail of Environmental Auditor	Upload the approval from the competent authority
1	Others	Application is for change in configuration under clause Seven II C of EIA notification	<a href="#">Download</a>

**17. Online Continuous Monitoring System**

Sno.	Attribute	Constituents	Date of installation of OCMS	Date of Last calibration of OCMS	Status of OCMS functioning	Date of connection to the servers of	Date of connection to the servers of
1	Emissions	PM (STACK CONNECTED WITH BALL MILL-II)	19/09/2018	27/03/2023	Yes	Yes - 24/09/2018	Yes - 24/09/2018
2	Emissions	PM (STACK CONNECTED WITH BALL MILL-I)	19/09/2018	27/03/2023	Yes	Yes - 24/09/2018	Yes - 24/09/2018
3	Emissions	PM (STACK CONNECTED WITH BALL MILL-III)	18/09/2020	27/03/2023	Yes	Yes - 13/10/2020	Yes - 13/10/2020

#### Withdrawn Details

Sno.	Proposal no no	Reason	Upload copy of Consent order
No Records Found			

I hereby give undertaking that the data and information given in the application and enclosures are true to be best of my knowledge and belief and I am aware that if any part of the data and information found to be false or misleading at any stage, the project will be rejected and clearance is given if any to the project will be revoked at our risk and cost. In addition to the above, I hereby give undertaking that no activity/construction/expansion has since been taken up.

Name : ORISSA METALLURGICAL  
INDUSTRY PRIVATE LIMITED

Designation : SENIOR MANAGER

Address : 1, GARSTIN PLACE, ROOM NO  
3B

State : West Bengal

Distict : Kolkata

Pincode : 700001

[Print Report](#)



Indian Bank Asansol zone organised today a programme for distributing RO water purifier to the Guru Nanak F P school and Sri Harbhajan Primary school for drinking purified drinking water for students. Sri Satish Kumar Majhi, Chief Secretary, Bardhaman Station Bazar and Sri Dipak Kumar Mishra, Secretary, Bardhaman Nutangunj Branch were the chief guests of the programme—EOI Photo

## IIT Kharagpur conducts Road Safety Training for Kolkata Police

KOLKATA, APRIL 28/--/ IIT Kharagpur conducts Road Safety Training for the officers of Kolkata Traffic Police & Transport Department, initiating capacity building in road safety through four rounds of training programme. It was inaugurated today in Police Training School (PTS), Kolkata by V K Goyal, Commissioner of Kolkata Police, in the presence of Prof. V K Tewari, Director, IIT Kharagpur; Hari Kishore Kusumakar, Additional Commissioner of Police, Kolkata, several senior officials of Kolkata Police and experts from IIT Kharagpur.

Around 200 officers of Kolkata Police are being trained by the team of faculty members from IIT Kharagpur that includes Prof. Bhargab Maitra, Dr. Arkopal Goswami, Dr. Swati Maitra and Dr. Madhumita Paul.

Prof. Bhargab Maitra, Department of Civil Engineering, IIT Kharagpur stated, "IIT Kharagpur has

been working closely with all related departments and providing them support for reducing road accidents and resulting fatalities. This training is organised, especially keeping in mind the roles and responsibilities of the officers of Kolkata Traffic Police in enhancing road safety scenario in the Kolkata city."

IIT Kharagpur has been contributing in several areas related to road safety for the state of West Bengal including speed management, emergency responses, enforcement, strategies for handling traffic congestion, innovative traffic control measures etc.

A speed management policy and roadmap has been developed by IIT Kharagpur with support from Global Road Safety Partnership (GRSP) which has already been accepted, in principle, by the Government of West Bengal. IIT Kharagpur has also been entrusted by the Transport Department,

Government of West Bengal to develop a Road Safety Vision document and roadmap for reducing road accidents and fatalities in unison with the Transport Department, Police Department, Road Development Department, and Health and Family Welfare Department and Education Department.

Prof. V K Tewari, Director, IIT Kharagpur, remarked, "The speed management policy and roadmap will be instrumental in addressing safety issues due to over speeding and mitigating the results to road fatalities. The present training programme is focused on several key aspects of speed management and implementation of emergency responses identifying risk prone areas around the city. This program will act as a protocol guideline for an organized traffic system. And will be beneficial to the Kolkata Police which can improve road safety of the city." (EOIC)

## BJP, Cong attack Odisha govt over missing keys of Puri Jagannath temple 'Ratna Bhandar'

BHUBANESWAR, APRIL 28/--/The BJP and the Congress separately demanded that the Biju Janata Dal government in Odisha open the 'Ratna Bhandar' of the Lord Jagannath Temple in Puri, and make public the report of a judicial commission formed to probe into the issue of missing keys of the 12th-century shrine's treasury.

The demands were raised on Thursday, two days after the Orissa High Court asked the state government to file its response by July 10 on a petition praying for making public the report of Justice Raghuraj Das Commission of Inquiry on the missing Ratna Bhandar keys.

"The judicial panel submitted its report to the state government in November 2018, about five years ago. The government has not taken any action on it and kept it in cold storage," BJP spokesperson Pitamber Acharya said. If the government believes in transparency, the judicial commission report should be made public without further delay, senior Congress leader Bijay Patnaik said. The ruling BJD in a statement said the Ratna Bhandar was not opened for 38 years since 1985 and the opposition should refrain from indulging in politics in the name of Lord Jagannath. The Ratna Bhandar, located in the basement of the temple, has two parts. The outer chamber of the Ratna Bhandar stores ornaments used by the deities on a daily basis, while many pieces of jewellery are kept in the inner chamber of the Ratna Bhandar. While the keys to the outer chamber are available, the keys to the inner chamber are missing. Acharya said the people have serious doubts about the assertion made by the government for the last five years that it has a duplicate key. An attempt was made to open the inner chamber of

'Ratna Bhandar' in April 2018 following a directive of the Orissa High Court, but it was not successful as keys were not found at that time. A team, comprising ASI officials, priests and others, then carried out an inspection from outside. However, a few days after the inspection, the government said a duplicate key of the inner chamber has been found.

"The state government must give a clarification on the issue of missing keys and how a duplicate was found," he said. The BJP leader also sought to know why the government is reluctant to open the Ratna Bhandar if it has a duplicate key. Acharya also wondered why the state government is not opening the inner chamber even after the Archaeological Survey of India (ASI) in an affidavit to the court mentioned that there is a threat to Ratna Bhandar and urgent repair work is required. He claimed that people across the country suspect that the valuables of the Ratna Bhandar have been looted.

"It is the responsibility of the state government to make the Commission of Inquiry report public," Congress leader Bijay Patnaik said. The BJD government is not maintaining its own policy of maintaining transparency, he said. "I had seen huge quantities of gold, diamond and ornaments wrapped in clothes and kept in wooden boxes," former temple administrator Rabindra Narayan Mishra, who was part of a team that inspected the inner chamber in 1978, said. All the precious items have been listed and weighed properly during the last inspection, he said, adding that the valuation of the asset could not be ascertained as goldsmiths from Tamil Nadu and Gujarat were not able to calculate the actual value of the ornaments at that time. (PTI)

## Lalu likely to reach Patna on Friday

PATNA, APRIL 28/--/ Rashtriya Janata Dal (RJD) supreme Lal Prasad is likely to reach Patna on Friday after a long stay in Delhi following his kidney transplant surgery in Singapore in December last year. With the news of Prasad's arrival, RJD workers in the state capital, who have been waiting for him for a long time, are jubilant and are now preparing for his grand welcome.

"Father is coming to Patna, we have lots of work to do," Tej Pratap Yadav, Bihar Environment, Forest & Climate Change Minister and the elder son of RJD supreme, tweeted on Thursday. According to party insiders, the RJD supreme will be in Patna for quite some days but mass meetings may be avoided due to his health issue. Samajwadi Party chief Akhilesh Yadav met the RJD chief at the residence of his daughter and Rajya Sabha MP Misa Bharti in New Delhi on Thursday. (PTI)

**NOTICE**  
In the Court of the Ld. Civil Judge (Junior Division) at Jalpaiguri Title (Declaration) Suit No. 28 of 2012 Sri Sadhan Sarkar

Plaintiff  
VS  
Sri Bhisma Dev Thakur & others  
Defendants  
WHEREAS Sri Sadhan Sarkar, Son of Late Gopal Chandra Sarkar, resident of Sarbamangala Road, Ashrampara, Siliguri, Post Office & Police Station, Siliguri, District-Darjeeling has made a suit for Declaration, Perpetual Injunction & Other Consequential Reliefs against Sri Bhisma Dev Thakur, son of Late Gobinda Chandra Dev Thakur and Sri Jagannath Roy, son of Late Phani Bhusan Roy, both are residents of Subhaspally, Kokrajhar, Post Office, Police Station & District-Kokrajhar, in the State of Assam, Pin-783370, to this Ld. Court. Any person's having any interest may file objection if any before this Ld. Court on 07.07.2023 in default the matter shall be heard and determined ex-parte. Given under my hand and seal of this court on this 26th day of April 2023 A.D. at Jalpaiguri  
By Order  
Sd/-  
SHRISTADAR  
Civil Judge, Junior Division at Jalpaiguri

## Colleges yet to get official communication on introduction of 4-year honours course in UG level

KOLKATA, APRIL 28/--/ The West Bengal higher secondary examination results are due after about a month but the colleges are yet to get any official communication on the possible introduction of four year under graduate honours course from the next academic year.

The higher education department is yet to come up with any official communication about the issue. Colleges and universities need to ready the infrastructure for any new arrangement, the president of West Bengal Council of Higher Education Chiranjib Bhattacharya has said. Education minister Bratya Basu had in recent occasions said that there was wide consensus among experts for implementation of some key features of National Education Policy, 2020, like four-year honours course in UG courses in place of the existing three years and one year post graduate course instead of two years, or 4+1 format in place of the erstwhile 3+2 format.

"We have sent our recommendations to the higher education department after weighing the pros and cons of the erstwhile three-year honours system (3 year honours+2 year post graduation) and the new

proposal for rolling out a four year honours system. We hope the higher education department comes up with its communication at the earliest," Calcutta University acting Vice-chancellor Asis Kumar Chatterjee told PTI. Principals of several colleges in the city echoed him. Scottish Church College principal Modhumanjari Mondal told PTI that a workshop of principals of CU-affiliated colleges was held on the issue earlier this month. "But afterwards we have not got any further update from the higher education department. We hope to get definitive information soon before the publication of the Higher Secondary and plus two examinations of other boards".

Principal of government-run Lady Brabourne College, Siuli Sarkar said "We have to introduce the four year honours course if we are asked. But there is no notification from the government on the matter as yet." If the four-year honours course is introduced this year, at the outset it will run parallelly with the three-year honours course for second year and third year students. "So that

issue has to be looked into and factored in the curriculum," she said.

Principal of Acharya Jagadish Chandra Bose College and president of West Bengal Principals' Council, Purna Chandra Maity said the institution will require 15 more classrooms if four-year honours course is introduced this year.

A retired principal of Vidyasagar College said the adding of an extra year in the undergraduate course will cause stress on the infrastructure and human resources in colleges which have separate morning, day and evening sessions like in Bangabasi, Surendranath, City College Amherst Street and Manindranath College.

Jadavpur University Teachers' Association general secretary Partha Pratim Roy said while the university faculty council has already approved implementing of the 4+1 format (four year honours course and one year post-graduation) which is necessary for an all India perspective, a lot needs to be done with regard to framework, drafting of the syllabus and overhauling the infrastructure. (PTI)

### CHANGE OF NAME

I, Farida Begum Siddique W/o Niaz Ahmed, R/O P-27, Princep Street, Kolkata-700072. P.S. Jorasanko would henceforth be known as Farida Begum vide Affidavit Sworn before the Notary Public at Kolkata on 27.04.2023.

### CHANGE OF NAME

I, Sarjeet Kaur W/o Rajinder Singh R/O 3, Katuakhoti Lane, Kolkata-700025. Shall henceforth be known as Surjit Kaur. I declare that Surjit Kaur and Sarjeet Kaur is same and one identical person by virtue of affidavit sworn before the Notary Public at Kolkata on 25-04-2023.

### CHANGE OF NAME

I, Krishna Chandra Halder (old name) S/O Late Uma Charan Halder Presently residing at N-106/4, Rajib Gandhi Road, P.O.-Konnagar, Dist-Hooghly, Pin-712235, West Bengal, India, have changed my name to (shall henceforth be known as) KRISHNA HALDER (new name) vide an affidavit sworn before Notary public at Kolkata on 28/04/2023.

### CHANGE OF NAME

I, Harsh Ranjan (old name) S/O Arun Kumar Poddar Presently residing at 183, Biren Roy Road West, Flat - 4 D, Shibrampur, Kolkata, 700061, West Bengal, India, have changed my name to (shall henceforth be known as) Harsh Ranjan Poddar (new name) vide an affidavit sworn before Notary public at Kolkata on 28/04/2023.

### CHANGE OF NAME

I, Susanta Kumar Das S/O Kanailal Das R/O Madhusudan Chak. U. Manna Das Bear, Samanta D. Jana Para, East Medinipur, Pin-721655 that my correct name is Susanta Kumar Das which is recorded in my Aadhar Card No. 3160 9084 6930 but in my Son Adipta Das school document, Passport No. L4611530 and in his Aadhar Card No. 9278 2714 8217 and in his Pan Card No. BSGPD8904B my name is recorded as Susanta Das. I declare that Susanta Kumar Das and Susanta Das is same and one identical person by virtue of affidavit sworn before the Notary Public Kolkata on 28-04-2023.

### CHANGE OF NAME

I, Deepak Kumar, S/O Nageshwar Hari, R/O 135/1, Naktala, P.O. Naktala, P.S. Netaji Nagar, Kolkata-700047. That in all documents and papers my name has been recorded as Deepak Kumar but in Driving Licence vide No. TN 6620100000513 my name has been recorded as Deepak Kumar N. as per Affidavit is the Court of Ld. Metropolitan Magistrate at Calcutta on 19.04.2023 my Affidavit No. is 1984 both Deepak Kumar and Deepak Kumar N is the same and one identical Person.

### CHANGE OF NAME

I, Sangeeta Goala, W/o- Dipak Goala, R/O - 104, Ghoshpara Road, Ghuahipara, P.O.-Bengal Enamel, P.S.-Titagarh, Dist.-N24 Pgs. Hereby declares that my name, has been wrongly recorded as Sangeeta Goala Ghosh instead of Sangeeta Goala in my Pan Card. I do hereby declare that Sangeeta Goala and Sangeeta Goala Ghosh are both same and one identical person vide Affidavit Dated: 27.03.2023

### CHANGE OF NAME

I, Vijay Sharma (old name) S/O Lalchand Sharma Presently residing at P 40, CIT Scheme 6M, Near Jain Temple, Kolkata, 700054, West Bengal, India, have changed my name to (shall henceforth be known as) Vijay Lalchand Sharma (new name) vide an affidavit sworn before Notary public at Kolkata on 28/04/2023.

### CHANGE OF NAME

I, Pranab Kumar Acharyee, S/O Lt. Rabi Acharyee, R/O Flat 164/3A, Lake Gardens, Circus Avenue, Kolkata-700045 declare that my name has been recorded as P.K. Acharyee and my father's name mistake as Late R.P. Chatterjee in my Driving Licence No. WB-0119880602233. As per Affidavit before the Ld. 1st Class Magistrate Kolkata on 24 Apr. 23 both Pranab Kumar Acharyee, S/O Lt Rabi Acharyee and P.K. Acharyee and R.P. Chatterjee is the same Person.

### AFFIDAVIT

I, Sibasis Mondal, S/O Prasanta Kumar Mondal, R/O Vill & P.O. Debipur, P.S. Nandigram, Dist.-Purba Medinipur, Pin-721650 W.B. declare that my father's name Madhyamik Certificate, H.S Admit Card and other education testimonials as Prasanta Mondal in lieu of Prasanta Kumar Mondal. As per affidavit before the Notary Public at Haldia on 17.03.23 both Sibasis Mondal, S/O Prasanta Kumar Mondal, Sibasis Mondal, S/O Prasanta Mandal & Sibasis Mondal, S/O Prasanta Mondal is the same Person.

### PUBLIC NOTICE

It is notified to the General Public and all other concerned that the original Indenture (Sale Deed) dated 14-05-2008 executed by West Bengal Housing Board as Board of the First Part and Bengal Ambuja Housing Development Limited as Company of the Second Part Utsarg Utsav Cooperative Housing Society as Purchaser of the Third Part and Mr. Rajkumar Tewari and Mrs. Archana Tewari as confirming Party of the Fourth Part duly registered at the Office of Additional District Sub Register Sealdah and entered in Book No. 1, Volume No. 26, Pages 195 to 212, Deed No. 0485 for the year 2008 in respect of the Flat No. 04B, Building No. UV 40, 3rd Floor, Premises No. 1050/1, Survey Park, P.O.-Santoshpur, P.S.: Survey Park, Kolkata-700 075 under the Kolkata Municipal Corporation, has been misplaced on the way to transit and not traceable. In this regard a General Diary has been lodged at Techno City Police Station, Bidhan Nagar Police Commissionerate Kolkata vide General Diary No. 1264/2023 dated 27-04-2023. If any one finds it or have any knowledge about the same, kindly contact with the undersigned or with Mr. Binit Dutta, Mobile No. 9831166364 email id: binitdutta1212@gmail.com, within 7 days from the date of publication, failing which the present owner Sri Achinta Kumar Mondal will be at liberty to mortgage the flat. Contact Sri Asutosh Das, Advocate, Mobile No.-9830065237.  
Asutosh Das  
M.A., LL.B. Advocate Alipore, Judges Court,  
Bar Library, Room No.4, Kolkata-700 027

### CHANGE OF NAME

I, Vandana Jain D/O Dharendra Kumar Jain & W/o Nirav Kumar Doshi R/o Amardeep Building, Flat-5D, 5th Floor, 1, Sarat Bose Road, P.O. Lala Lajpat Rai Sarani, P.S. Bhawanipore, Kolkata-700023 shall henceforth be known as Vandana Doshi vide an affidavit sworn before the Notary Public at Kolkata on 28-04-2023.

### CHANGE OF NAME

I, Neaz Ahmed Siddique S/O Hafiz Karamatur Rehman H/O Farida Begum, R/O P-27, Princep Street, Kolkata-700072, P.S. Jorasanko would henceforth be known as Niaz Ahmed by virtue of Affidavit Sworn before the Notary Public at Kolkata on 27.04.2023.

### CHANGE OF NAME

I, Nitu Jana, D/O Jugujit Jana R/O Flat 15, 2 R N Tagore Road, South Dum Dum (m), North 24 Parganas, Kolkata-700077, W.B. declare that inadvertently my father's name has been recorded in my Aadhar card XXXXXXXX 1307, and Pan Card no. BZBPJ6276J as Jugujit Jana in place of his correct name Jugujit Jana. As per affidavit before the Notary Public on 27.04.2023. Both Jugujit Jana and Jugujit Jana is the same and one identical person.

### CHANGE OF NAME

I, Sanjay D Narwani, S/O Dayal Narwani residing at 15B, Madan Paul Lane, Bhawanipur, Kolkata-700025, West Bengal. That my actual name is Sanjay D Narwani which is recorded in my PAN Card No. AGTPN1439R, Voter Card No. HZG0241596, S/O Dayal Narwani. Do affirm that Sanjay D Narwani and Sanjoy D Narwani is the same and one identical person S/O Dayal Narwani vide an affidavit dt. 26.04.2023 before The LD 1st Class Metropolitan Magistrate, 10th Court, Calcutta.

### CHANGE OF NAME

I, Lalit Prasad Yadav (old name) S/O Hardeo Yadav Presently residing at 10/5, Swamiji Road, P.O.-Parnasree Pally, P.S.-Parnasree, Kolkata-700060, West Bengal, India, have changed my name to (shall henceforth be known as) Lalit Yadav (new name) vide an affidavit sworn before Notary public at Kolkata on 28/04/2023.

### CHANGE OF NAME

I, Chabdar Ali Molla, S/O Late Ummat Ali Molla, R/O Baliadanga, Gopalnagar, Dist.-North 24 Pgs, Pin-743262, W.B. declare that Sadder Molla to Chabdar Ali Molla as per affidavit before the Notary Public on 28Apr, 2023.

### CHANGE OF NAME

I, Sumita, wife of SER No. 14804819M, EX-NK/TS Dibakar Das, Resident of Gobardanga Sahapur, P.O.-Khandura, Dist.-North 24 Parganas, W.B. Pin-743273. Have changed my name from Sumita to Sumita Das vide an affidavit of 1st Class (JM) Court at Barasat, W.B. Dt.-25.04.2023.

### CHANGE OF NAME

I, Jayalekha D. H/O CA42164L NB SUB Sunil A. Christian, Residing at QTR 120/06, BGTC near Palta Airforce Gate No. 2, P.O.-Bengal Enamel, Dist.-24 Pgs. (N). My husband's service record my name has Jayalekha in place of actual and correct name as Jayalekha D by Notary affidavit at Barrackpore Court on 27.04.2023. Both names are same and one identical Person.

### CHANGE OF NAME

I, Devi Shah, daughter of Late Sri Ram Shah, Wife of Ajay Shah residing at 321, M.G. Road, Ramchandrapur, Kabatanga, Post Office - R. C. Thakuran, Police Station - Handpur, Kolkata - 700194, Dist. - South 24 Parganas that my name has been recorded as Devi Shah in my PAN Card, Aadhar Card and Voter Card issued by Govt. of India. In my Son namey Amit Shah's name is 10 Grade Sheet cum Certificate vide S. No. SSE/2012-962087 It is wrongly or mistakenly written and recorded as Madhuri Shah. On 20th April 2023 at Alipore Judge Court by affidavit through Metropolitan Magistrate Calcutta vide No. 2222. It is Solemnly affirmed and declared that Devi Shah and Madhuri Shah is same and identical Person.

**CHANGE OF NAME**  
I, Niti Yadav W/o Santosh Kumar Yadav R/o Vill- Barayama, Barpara, Nimpara, P.S. Kharagpur Town, Kharagpur. West Midnapur-721304 W.B hereby solemnly declare that our minor daughter Shruti Kumari (Old Name) shall henceforth be known and called as Shruti Kumari Yadav (New Name) by an affidavit sworn before Notary Public, Kolkata on 27-04-2023.

**CHANGE OF NAME**  
I, Shilita Charan, S/O Late Shankar Deyal Mishra, R/O Vill. Pure Gopal, P.O. -Bane Madho Ganj, Dist-Rae Bareilly (U.P). Present address- Hastings Court, Flat No. 3-A, Tower 'B', 96, Garden Reach Road, Kolkata-700023 declare that I have change my name Shilita Charan to Shilita Charan Mishra. As per affidavit before the Notary Public at Kolkata on 28 April 2023.

**CHANGE OF NAME**  
I, Md Raju (old name) S/O Sk Dulara Presently residing at 1-75/B, Ramshwar Pur Road, P.O. & P.S.- Garden Reach, Kolkata-700024, West Bengal, India, have changed my name to (shall henceforth be known as) Md Moinuddin (new name) vide an affidavit sworn before Notary public at Kolkata on 28/04/2023.

**CHANGE OF NAME**  
I, Papi Pata Mohajan (old name) W/O Pulin Behari Mohajan Presently residing at Nandankanan Paschim, P.O. & P.S.-Dankuni, Dist-Hooghly, Pin-712311, West Bengal, India, have changed my name to (shall henceforth be known as) Papi Mahajan (new name) vide an affidavit sworn before Notary public at Kolkata on 28/04/2023.

**CHANGE OF NAME**  
I, 15441334K, Rank - NK, BUSAKALA RAJESH, residing at 17/1E, Near Alipore Police Line, Alipore Road, Kolkata - 700027. I have changed my elder daughter's name from BUSAKALA SUHANA SAHASRA to BUSAKALA SAHASRA vide Affidavit (No-18027) sworn before the Ld 1st Class Judicial Magistrate at Alipore Kolkata - 700027. Dated on 26/04/2023

**Change of Name**  
I, Anup Kumar Chowdhury S/O Late Ananda Mohan Chowdhury R/O Santu Bhawan, Old LIC Para, Memari, Purba Bardhaman 713146, WB. That my PPO No. S/2501893(Army) and New Spash New PPO No. 236196300193 my name has been written as Anup Kumar Chowdhury instead of correct spelling is Anup Kumar Chowdhury That Anup Kumar Chowdhury & Anup Kumar Chowdhury S/O Late Ananda Mohan Chowdhury is the self same identical person vide affidavit No. 76AB 572048 dated 10.04.23 sworn before The Executive Magistrate at Purba Bardhaman.

**CHANGE OF NAME**  
I, Smt Jolly Saha, W/o Sri Swapan Kumar Saha, of C.D. 64, Sector-I, Salt Lake City, P.O.-C.C. Block, P.S.-Bidhannagar (North), Kolkata-70064 do hereby state that during my School days I was known as 'Jali Saha' and after my marriage with Swapan Kumar Saha and known as 'Jolly Saha'. For Correcting the same I have sworn as Affidavit before Ld. Judicial Magistrate 2nd Court at Barasat that said 'Jali Saha', 'Jolly Saha' and my self is same and one Person vide Serial No. 2311 dated 25.04.2023. Henceforth I will be known and identified as Jolly Saha.

**NOTICE**  
This is to inform that the Environment Clearance issued on 03.10.2018 and corrigendum in Ec dt. 04.02.2019 for expansion of existing cement grinding unit from 0.072 MTPA to 1.45 MTPA through upgradation/ modification of the existing plant and by installation of 1x1800 TPD + 1x200 TPD Ball Mill and 1x2000 TPD VRM in the existing premises for M/s. Bansal Cement Private Limited located at Villaga-Gokulpur, P.O.-Shyamraipur, P.S.-Kharagpur (L) Dist.-Paschim Medinipur, West Bengal has been transferred to M/s. Orissa Metallurgical Industry Private Limited by State Environment Impact Assessment Authority (SEIAA), West Bengal as per EIA notification vide letter No. 820/ENT/II-1/04/2017 dated 27th April, 2023. The copy of the Environmental Clearance letter is available with the West Bengal Pollution Control Board and may be seen at website of the MOEFCC at https://parivesh.nic.in

**ECHO CLASSIFIED**  
FOR BOOKING ADVERTISEMENT PLEASE CALL/Mail: GUWAHATI: 99540 24682 KOLKATA: 94332 51258 SILIGURI: 90514 34413 GANGTOK: 95649 27851 PORT BLAIR: 94342 95780 OR echoofindiakol@gmail.com; anjan@echoofindia.com

পুড়ে যাওয়া বস্তিতে ত্রাণ বিধাননগর পুরনিগমের

আজকালের প্রতিবেদন

আজকাল কলকাতা পুরনিগমের আয়োজিত বস্তি পরিদর্শন কর্মসূচির প্রথম সেশনে বিধাননগর পুরনিগমের...



বিদ্যাগার সেন্ট্রাল কোঅপারেটিভ ব্যাঙ্কের মোবাইল ব্যাঙ্কিং পরিষেবার উদ্বোধনে মেদিনীপুরে প্রধান প্রধান কার্যালয়ে...

NOTICE INVITING TENDER NO. 01/K.C. Sub-Division No. XVI/2023-24 Sealed Tender papers are being invited by The Sub Divisional Officer, Kangsabati Canals Sub-Division No. XVI, Ramjanbanpur, Paschim Medinipur for 14 (Fourteen) nos. work from eligible and resourceful contractors bearing NIT No. 01/K.C. Sub-Division No. XVI/2023-24 and Circulated Vide T.O. No. 90 Dated: 28.04.2023. For details see Website: http://www.wbidw.gov.in/tender\_notice.php.

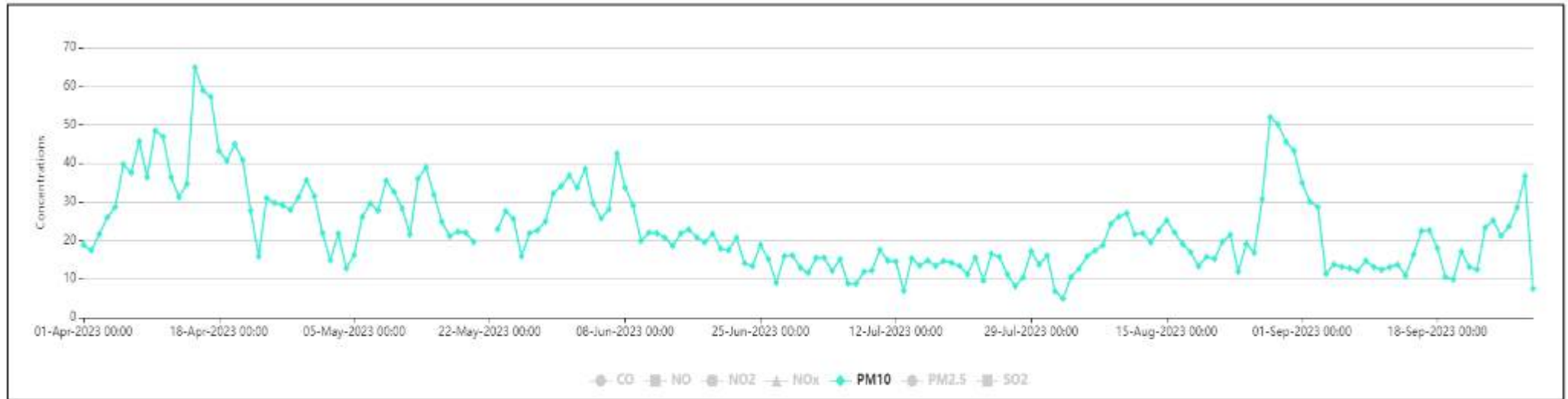
Sd/- P. R. Karmakar Sub Divisional Officer, K. C. Sub-Division No. XVI, Ramjanbanpur, Paschim Medinipur.

WB HIDCO e-Tender notice No. 04 of 2023-2024 e-tender is invited for "Maintenance of land scaping work adjacent to 6th Rotary, separator of MAR in front of Auto Mall and NKDA Stadium in New Town Kolkata. (For 12months)" in the manner as described in the detailed e-tender notice available on WBHIDCO website-www.wbidw.gov.in in e-tender portal. Last date of Bid submission closing (on line)- 10.05.2023 upto 2.00 P.M. Detailed may be seen in our website at www.wbidw.gov.in.

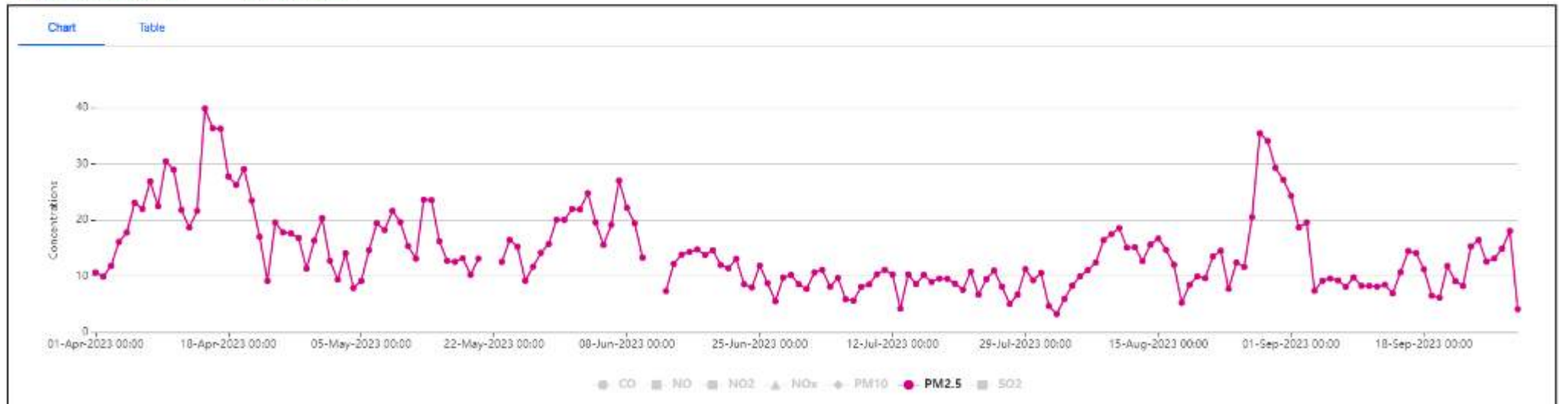
Karnataka Bank logo and details. CIN: L85110KA1924PLC001128. Head Office: 111, 113, 115, 117, 119, 121, 123, 125, 127, 129, 131, 133, 135, 137, 139, 141, 143, 145, 147, 149, 151, 153, 155, 157, 159, 161, 163, 165, 167, 169, 171, 173, 175, 177, 179, 181, 183, 185, 187, 189, 191, 193, 195, 197, 199, 201, 203, 205, 207, 209, 211, 213, 215, 217, 219, 221, 223, 225, 227, 229, 231, 233, 235, 237, 239, 241, 243, 245, 247, 249, 251, 253, 255, 257, 259, 261, 263, 265, 267, 269, 271, 273, 275, 277, 279, 281, 283, 285, 287, 289, 291, 293, 295, 297, 299, 301, 303, 305, 307, 309, 311, 313, 315, 317, 319, 321, 323, 325, 327, 329, 331, 333, 335, 337, 339, 341, 343, 345, 347, 349, 351, 353, 355, 357, 359, 361, 363, 365, 367, 369, 371, 373, 375, 377, 379, 381, 383, 385, 387, 389, 391, 393, 395, 397, 399, 401, 403, 405, 407, 409, 411, 413, 415, 417, 419, 421, 423, 425, 427, 429, 431, 433, 435, 437, 439, 441, 443, 445, 447, 449, 451, 453, 455, 457, 459, 461, 463, 465, 467, 469, 471, 473, 475, 477, 479, 481, 483, 485, 487, 489, 491, 493, 495, 497, 499, 501, 503, 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## CAAQMS DATA (APRIL 2023 to SEPTEMBER 2023)

**Location** : Kalyanpur Village  
**Parameters** : PM 10



**Location** : Kalyanpur Village  
**Parameters** : PM 2.5





# CAAQMS DATA (APRIL 2023 to SEPTEMBER 2023)

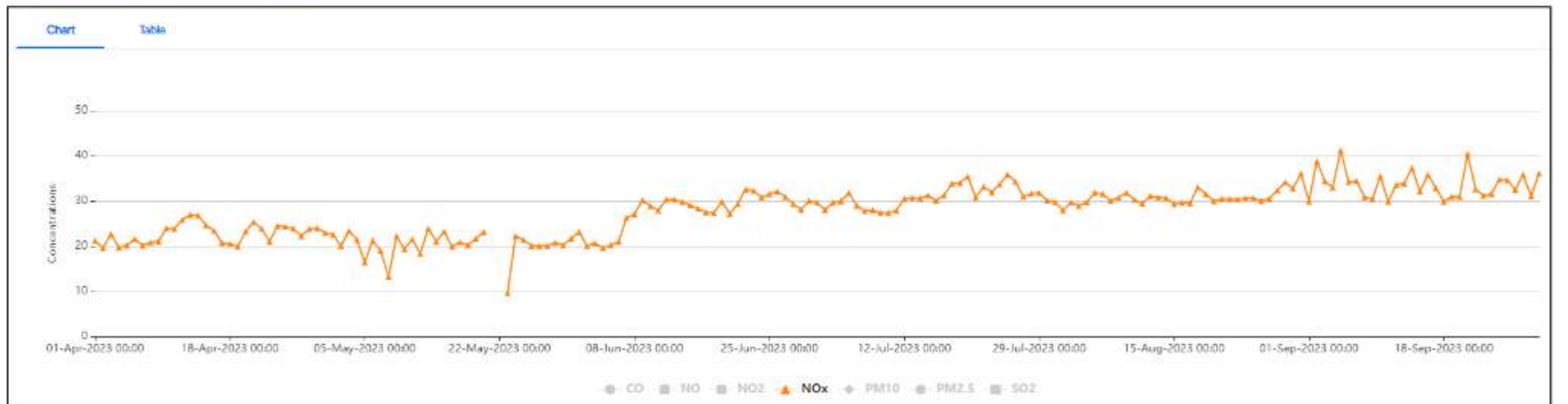
**Location : Kalyanpur Village**

**Parameters : SO<sub>2</sub>**



**Location : Kalyanpur Village**

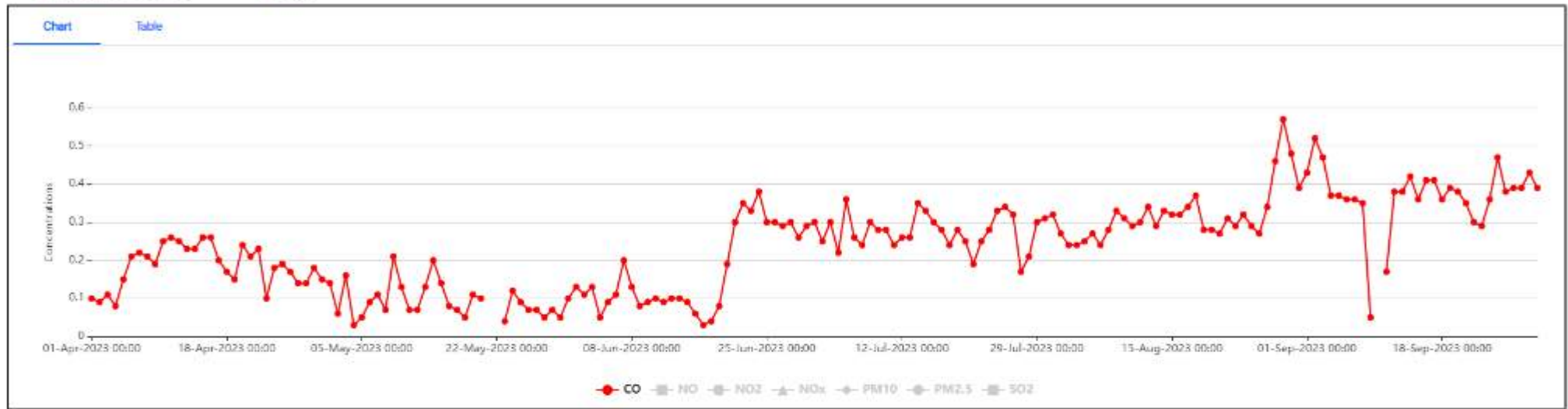
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# CAAQMS DATA (APRIL 2023 to SEPTEMBER 2023)

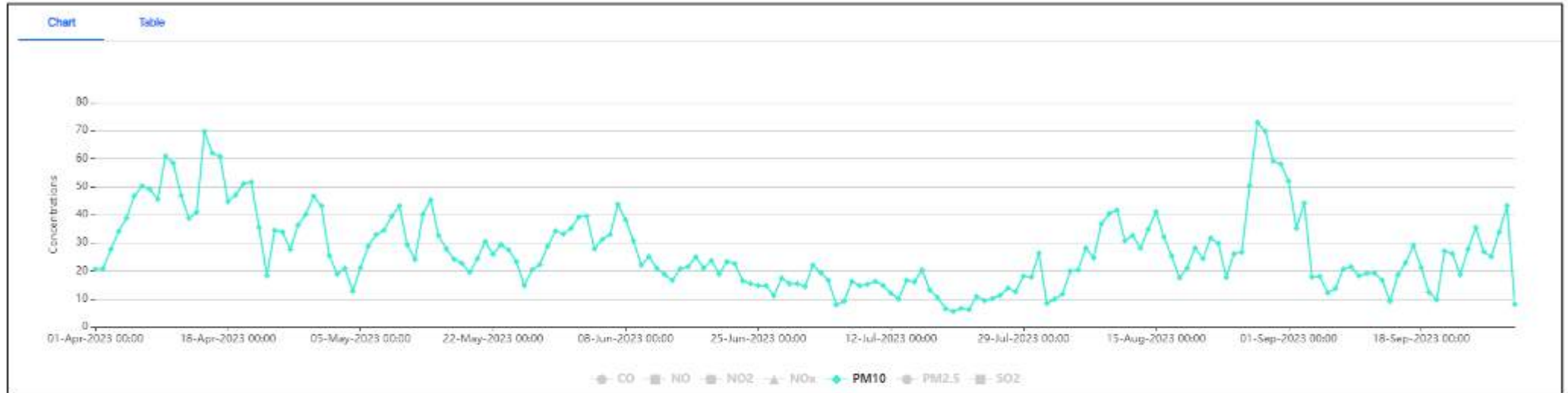
**Location** : Kalyanpur Village

**Parameters** : CO

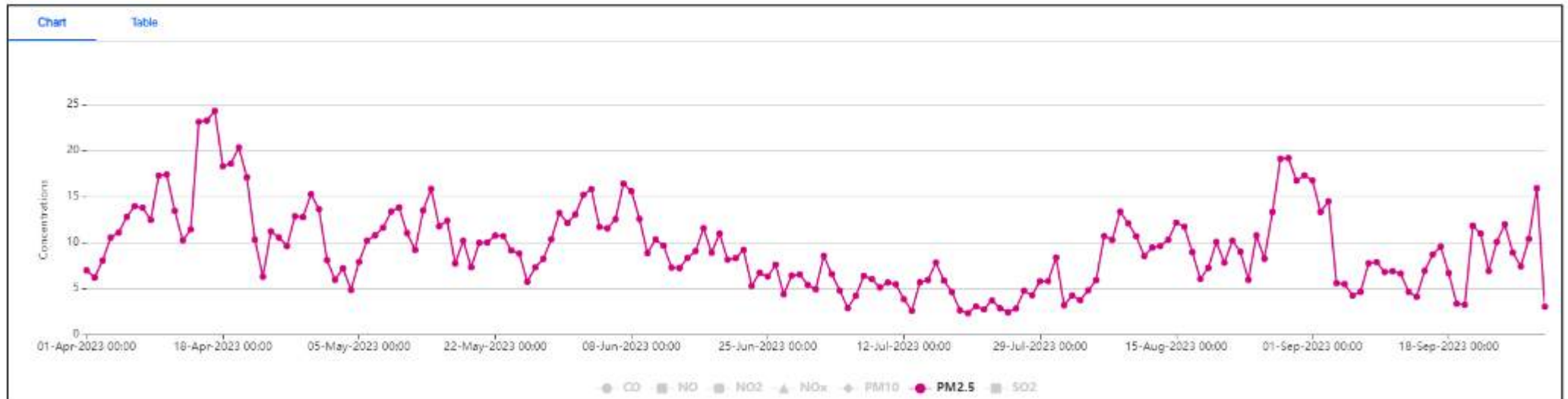


# CAAQMS DATA (APRIL 2023 to SEPTEMBER 2023)

**Location : Panchrulia Station**  
**Parameters : PM 10**



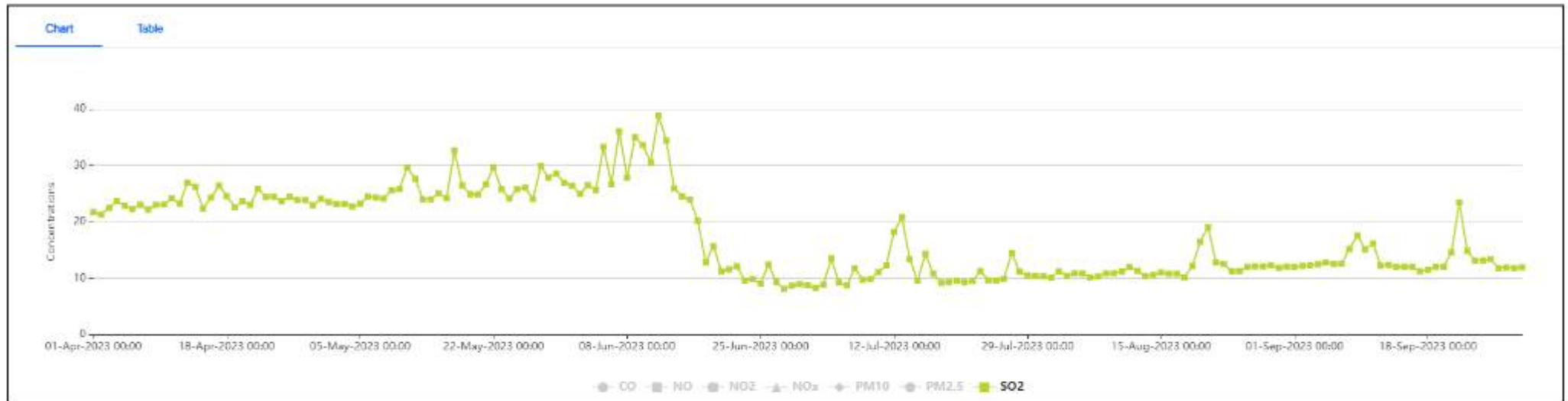
**Location : Panchrulia Station**  
**Parameters : PM 2.5**



# CAAQMS DATA (APRIL 2023 to SEPTEMBER 2023)

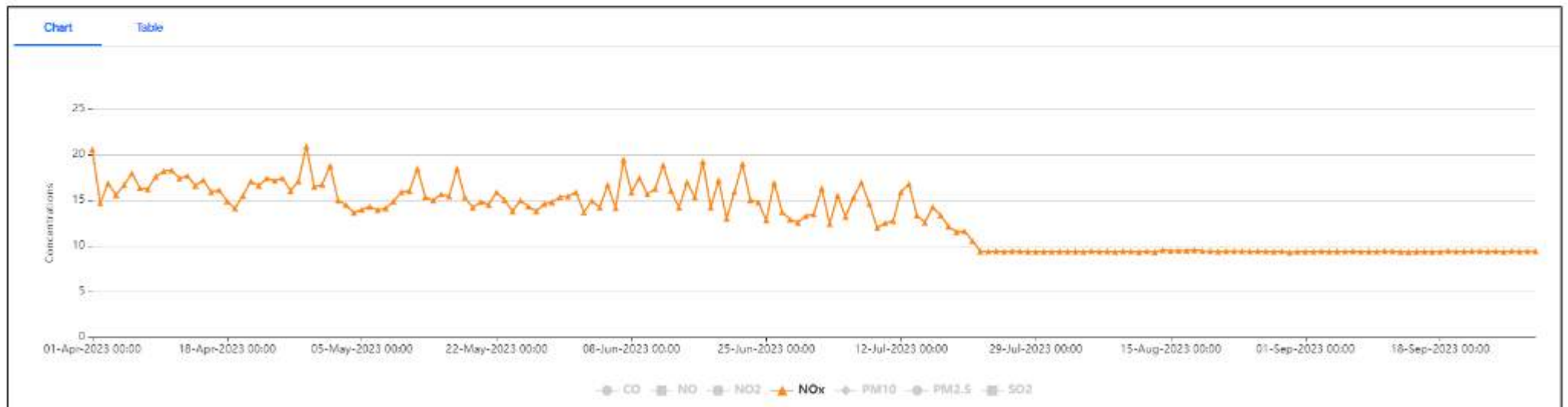
**Location : Panchrulia Station**

**Parameters : SO<sub>2</sub>**



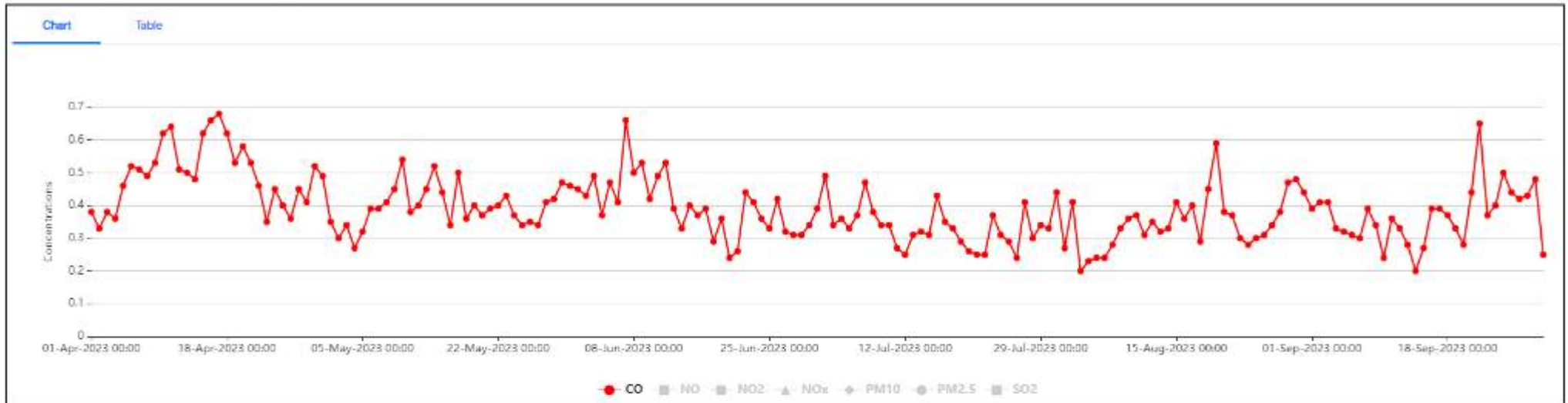
**Location : Panchrulia Station**

**Parameters : NO<sub>x</sub>**



# CAAQMS DATA (APRIL 2023 to SEPTEMBER 2023)

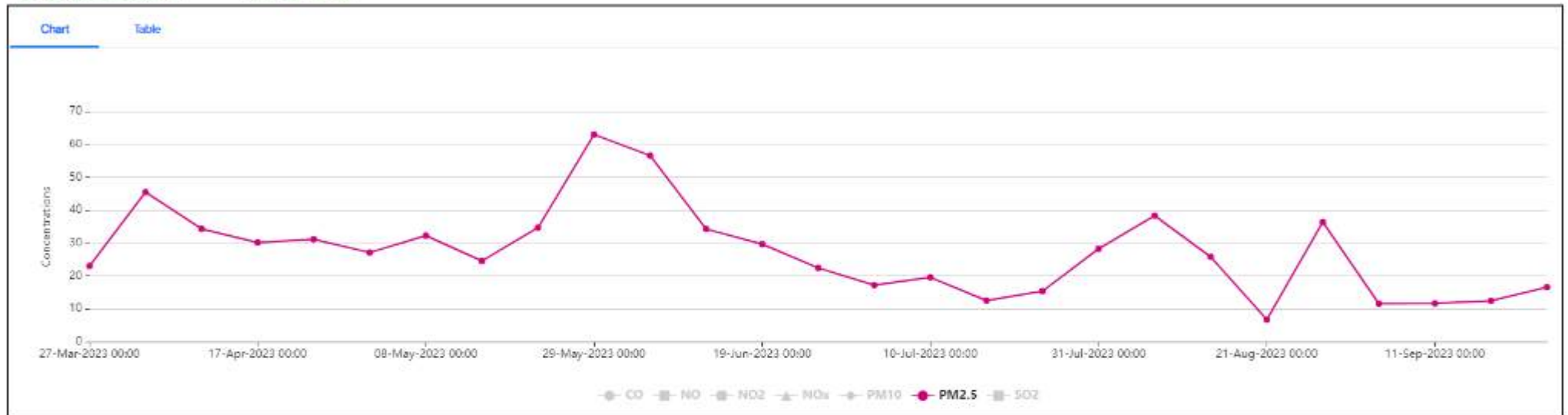
**Location** : Panchrulia Station  
**Parameters** : CO



# CAAQMS DATA (APRIL 2023 to SEPTEMBER 2023)

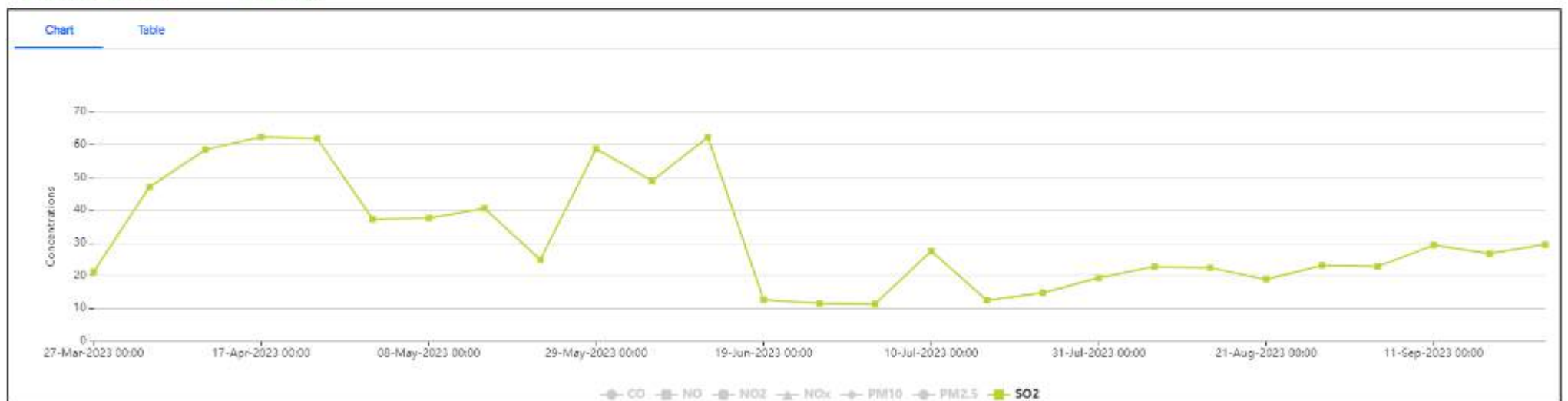
**Location : Barkola Station**

**Parameters : PM 2.5**



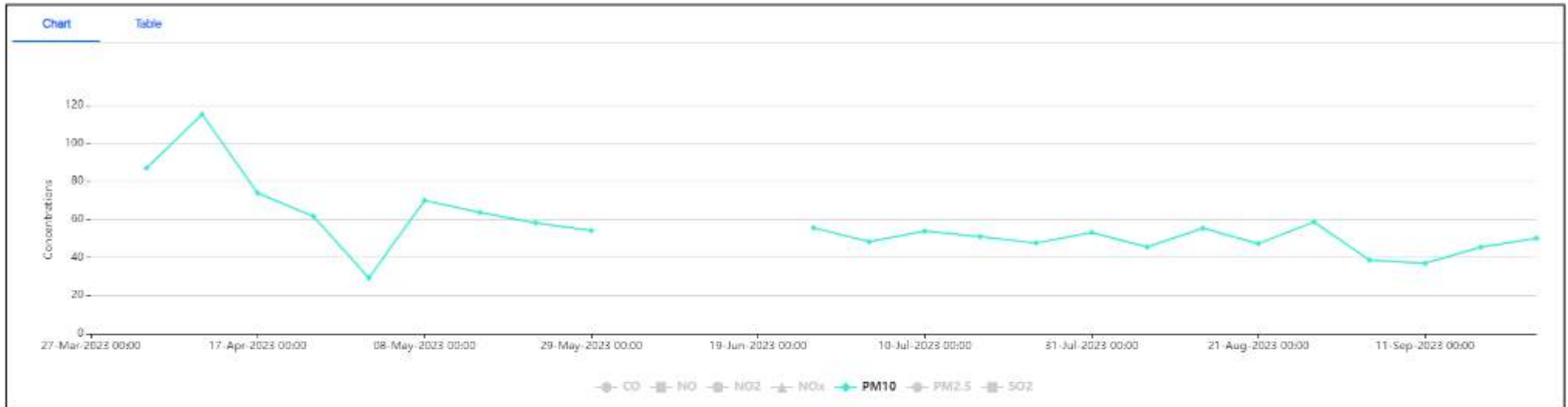
**Location : Barkola Station**

**Parameters : SO2**

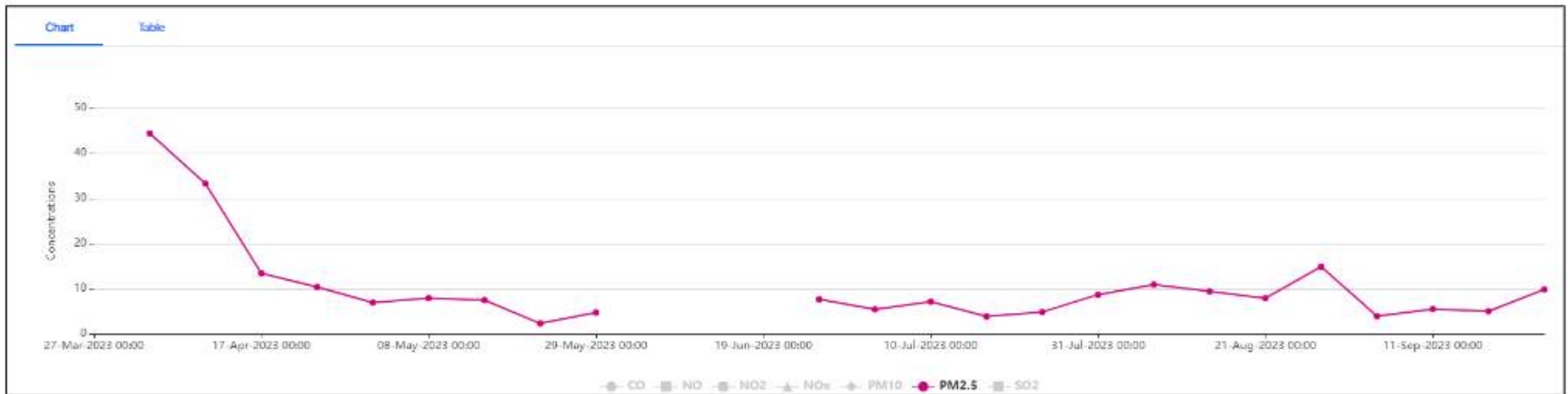


# CAAQMS DATA (APRIL 2023 to SEPTEMBER 2023)

**Location : Rajogram Station**  
**Parameters : PM10**



**Location : Rajogram Station**  
**Parameters : PM2.5**







# CAAQMS DATA (APRIL 2023 to SEPTEMBER 2023)

**Location : Rajogram Station**

**Parameters : NOx**

