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**Six Monthly (December-2023) Compliance Report for Period April 2023 to September 2023 for EC: letter no. J -11011/182/2012-IA II (I)-Iron Ore Beneficiation Plant, Pellet Plant (2.2 MTPA) and Producer Gas Plant (480 TPD or 75,000 Nm<sup>3</sup>/hr) at Gokulpur, Tehsil- Kharagpur, District- Paschim Medinipur West Bengal**

1 message

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ORISSA METALIKS <orissametalikspvtltd@gmail.com> Thu, Nov 30, 2023 at 11:22 AM  
To: "roez.bsr-mef@nic.in" <roez.bsr-mef@nic.in>, iro.kolkata-mefcc@gov.in, ms@wbpcb.gov.in, Monitoring Cell <monitoring-ec@nic.in>  
Bcc: environment RML <environment@rashmigroup.com>, Biswanath Sharma <biswanath@rashmigroup.com>, bijayen.srivastava@rashmigroup.com, subhechha.adhikary@rashmigroup.com

Dear Sir,

With reference to the above, we are hereby submitting the six monthly compliance reports period from April 2023 to September 2023 for EC No- J -11011/182/2012-IA II (I); Dated 24<sup>th</sup> February 2015, 23.09.2020 & 16.03.2022; for Iron Ore Beneficiation Plant, Pellet Plant (2.2 MTPA) and Producer Gas Plant (480 TPD or 75,000 Nm<sup>3</sup>/hr) at Gokulpur, Tehsil- Kharagpur, District- Paschim Medinipur (W.B.), operated in the name of M/s Orissa Metaliks Private Limited (Unit-II).

As per Environment Clearance, Special 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 to follow all the Rules & Regulations.

Hope you will find the same in order  
With warm Regards,

**Authorised Signatory**

**M/s. Orissa Metaliks Private Limited (UNIT-II)**


**1, Garstin Place, 'Orbit House', Room No-3B, Kolkata-700001**

**Tel : 91 33-22894255/ 56**

**Fax : 91 33-22894254**

Mbl. No-07044070948

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 **Compliance\_December- 2023.pdf**  
7117K

Ref. OMPL-KGP/ENV COMPL /December-2023

Date: 29/11/2023

To,

- a) **Regional Office,  
Ministry of Environment, Forests & Climate Change, Bhubaneswar  
A/3 Chandrasekharapur,  
Bhubaneswar – 751023, Odisha**
- b) **Sub Office, Kolkata  
(Under Regional Office, MoEF&CC, Bhubaneswar)  
Kolkata IB – 198, Sector-III, Salt Lake City– 700106,  
West Bengal**

**Sub. Six Monthly (December-2023) Compliance Report** for Period April 2023 to September 2023 for Iron Ore Beneficiation Plant, Pellet Plant (2.2 MTPA) and Producer Gas Plant (480 TPD or 75,000 Nm<sup>3</sup>/hr) at Gokulpur, Tehsil- Kharagpur, District- Paschim Medinipur West Bengal

**Ref:** - EC No- J -11011/182/2012-IA II (I); Dated 24<sup>th</sup> February 2015, 23.09.2020 & 16.03.2022

Dear Sir,

With reference to the above, we are hereby submitting the six monthly compliance reports period from April 2023 to September 2023 for EC No- J -11011/182/2012-IA II (I); Dated 24<sup>th</sup> February 2015, 23.09.2020 & 16.03.2022; for Iron Ore Beneficiation Plant, Pellet Plant (2.2 MTPA) and Producer Gas Plant (480 TPD or 75,000 Nm<sup>3</sup>/hr) at Gokulpur, Tehsil- Kharagpur, District- Paschim Medinipur (W.B.), operated in the name of M/s Orissa Metaliks Private Limited (Unit-II).

As per Environment Clearance, Special 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 to follow all the Rules & Regulations.

Hope you will find the same in order.

Thanking you.

Yours Faithfully,

For, M/s Orissa Metaliks Private Limited

**Authorised Signatory**

C.C.:-

1. **The Member Secretary, West Bengal Pollution Control Board, Parivesh Bhawan, 10A Block – LA, Sector – III, Kolkata – 700091**
2. **Monitoring Cell, Ministry of Environment and Forests Paryavaran Bhawan, CGO Complex, Lodi Road New Delhi - 110 003**

**Enclosures:-**

1. Compliance Report for EC;
2. Copy of Latest Online Stack Monitoring Report as Annexure-I.
3. Copy of last six month OCEMS data as Annexure-II.
4. CAAQMS monitoring data as Annexure-III.
5. Copy of AAQM Report as Annexure-IV.
6. Copy of Fugitive Emission Report as Annexure-V.
7. Effluent & Ground water sampling Report is enclosed as Annexure-VI.
8. Green Belt Development Detail as Annexure-VII.
9. OHS Report as Annexure-VIII.
10. Copy of Ambient & Work Noise Quality Monitoring Report Annexure-IX.

# **SIX MONTHS COMPLIANCE REPORT**

**April 2023 to September 2023**

**For**

**Iron Ore Beneficiation Plant, Pellet Plant (2.2 MTPA), Producer Gas Plant (480 TPD or 75,000 Nm<sup>3</sup>/hr)**

**EC No-J -11011/182/2012-IA II (I); Dated 24.02.2015, 23.09.2020 & 16.03.2022**

**Location :- Vill-Gokulpur, P.O-  
Shyamraipur, District-Paschim Medinipur  
(W.B.)**



**M/s ORISSA METALIKS PRIVATE LIMITED**

**1, GRASTIN PLACE, ORBIT HOUSE  
3<sup>rd</sup> FLOOR, ROOM NO -3B KOLKATA – 700 001  
WEST BENGAL  
Phone No.-033 - 22438518**

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

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

<b>Proposal No</b>	J-11011/182/2012-IAII (I)
<b>Compliance ID</b>	27872944
<b>Compliance Number(For Tracking)</b>	EC/M/COMPLIANCE/27872944/2023
<b>Reporting Year</b>	2023
<b>Reporting Period</b>	01 Dec(01 Apr - 30 Sep)
<b>Submission Date</b>	29-11-2023
<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.



## Form for Uploading Half Yearly Compliance Report

### Proposal Details

<b>Proposal No</b>	J-11011/182/2012-IAII (I)	<b>Category</b>	Industrial Projects - 1
<b>Proposal Name</b>	Iron Ore Beneficiation Plant/ Wet Grinding (matching with pellet plant), Pellet Plant (2.2 MTPA), Producer Gas Plant (480 TPD or 75,000 Nm3/hr)		
<b>Plot / Survey/ Khasra No. Sub-District(s)</b>		<b>Village(s)</b>	
<b>State</b>	WEST BENGAL	<b>District</b>	MEDINIPUR WEST
<b>MoEF File No</b>	J-11011/182/2012-IAII (I)	<b>Name of the Entity/ Corporate Office</b>	Orissa Metaliks Pvt. Ltd
<b>Entity's PAN *</b>	NA	<a href="#">Update E-KYC</a>	
<b>Entity Name as per PAN *</b>	NA	<b>Entity details mentioned above is correct ? *</b>	<input checked="" type="radio"/> Agree <input type="radio"/> Disagree

### Covering Letter

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

No file chosen  
(Upload Pdf only Max 20 MB)

### Compliance Reporting Details

**Reporting Year \***  **Reporting Period \***

[View Previous Compliances](#)

**Remark(if any)**  
Compliance Report for Period April 2023 to September 2023 for Iron Ore Beneficiation Plant, Pellet Plant (2.2 MTPA) and Producer Gas Plant (480 TPD or 75,000 Nm3/hr) at Gokulpur, Tehsil- Kharagpur, District- Paschim Medinipur West Bengal

### Details of Production and Project Area

**Date of Commencement of Project/Activity \***

	Project Area as per EC Granted(ha.)	Actual Project Area in Possession(ha.)
Private	<input type="text" value="0"/>	<input type="text" value="0"/>
Revenue Land	<input type="text" value="0"/>	<input type="text" value="0"/>
Forest	<input type="text" value="0"/>	<input type="text" value="0"/>
Others	<input type="text" value="0"/>	<input type="text" value="0"/>
<b>Total</b>	<input type="text" value="0"/>	<input type="text" value="0"/>

**PRODUCTION CAPACITY**

Name of the Product *	Units *	As per EC Granted *	As per CTO Granted	CTO ID	Valid U
<input type="text"/>	Select	<input type="text"/>	<input type="text"/>	<input type="text"/>	dd-m

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	Action
1	iron ore pellet	Million Tons per Annum (MTPA)	2.2	2.2	Memo no. - 355-235-hl-co-r/2022, CO113608	31-10-2026	1.72	Delete Row
2	Producer gas	Others:Nm3/hr	45000	45000	CO113608	31-10-2026	-----	Delete Row







**\*\*Note : If EC Conditions are not available below, Click here to upload EC Condition.**






[Upload EC Condition](#)

**Conditions \***






**Specific Conditions**










Sr.No.	Condition Heading	Condition Details	Status of Compliance,Remarks/Reason and Supporting Documents	Fill Status of Compliance	Action
1	AIR QUALITY MONITORING AND PRESERVATION	The project proponent shall comply with the strict emission norms of 30 mg/Nm3.		<input type="button" value="Enter"/>	Delete Row
2	AIR QUALITY MONITORING AND PRESERVATION	The pollution load after expansion shall not exceed the existing pollution load as submitted on Parivesh Portal.		<input type="button" value="Enter"/>	Delete Row
3	AIR QUALITY MONITORING AND PRESERVATION	On-line ambient air quality monitoring and continuous stack monitoring facilities for all the stacks shall be provided and sufficient air pollution control devices viz. Electrostatic precipitator (ESP), and bag filters etc. shall be provided to keep the emission levels below 50 mg/Nm by installing energy efficient technology.		<input type="button" value="Enter"/>	Delete Row
4	AIR QUALITY MONITORING AND PRESERVATION	The National Ambient Air Quality Standards issued by the		<input type="button" value="Enter"/>	Delete Row







		Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be followed.		
5	AIR QUALITY MONITORING AND PRESERVATION	Gaseous emission levels including secondary fugitive emissions from all the sources shall be controlled within the latest permissible limits issued by the Ministry vide G.S.R. 414(E) dated 30th May, 2008 and regularly monitored. Guidelines/Code of Practice issued by the CPCB shall be followed.		<input type="button" value="Enter"/>  Delete Row
6	AIR QUALITY MONITORING AND PRESERVATION	Dust suppression system and bag filters shall be installed to control the fugitive dust emissions at conveyor and transfer points, product handling, loading and unloading points.		<input type="button" value="Enter"/>  Delete Row
7	WATER QUALITY MONITORING AND PRESERVATION	Efforts shall further be made to use maximum water from the rain water harvesting sources. If needed, capacity of the reservoir shall be enhanced to meet the maximum water requirement. Only balance water requirement shall be met from other sources. Use of air cooled condensers shall be explored and closed circuit cooling system shall be provided to reduce water consumption and water requirement shall be modified accordingly.		<input type="button" value="Enter"/>  Delete Row
8	WATER QUALITY MONITORING AND PRESERVATION	All the effluent shall be treated and used for ash handling, dust suppression and green belt development. No effluent shall be discharged and 'zero' discharge shall be adopted. Sanitary sewage shall be treated in septic tank		<input type="button" value="Enter"/>  Delete Row

		followed by soak pit.			
9	WATER QUALITY MONITORING AND PRESERVATION	Regular monitoring of influent and effluent surface, sub-surface and ground water shall be ensured and treated wastewater shall meet the norms prescribed by the State Pollution Control Board or described under the E(P) Act whichever are more stringent. Leachate study for the effluent generated and analysis shall also be regularly carried out and report submitted to the Ministry's Regional Office at Bhubaneswar, SPCB and CPCB.		Enter	 Delete Row
10	WASTE MANAGEMENT	Proper utilization of fly ash shall be ensured as per Fly Ash Notification, 1999 and subsequent amendment in 2003 and 2010. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding shall be submitted to the Ministry's Regional Office.		Enter	 Delete Row
11	WASTE MANAGEMENT	Risk and Disaster Management Plan along with the mitigation measures shall be prepared and a copy submitted to the Ministry's Regional Office, SPCB and CPCB within 3 months of issue of environment clearance letter.		Enter	 Delete Row
12	GREENBELT	As proposed, green belt shall be developed in 33 % of plant area. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.		Enter	 Delete Row
13	WATER QUALITY MONITORING AND	The project shall prepare a plan to		Enter	 Delete Row



	PRESERVATION	properly discharge rainwater from the plant area so that water logging may be avoided in general and near DRI plants in particular and submitted with the 6 monthly compliance report.			
14	WATER QUALITY MONITORING AND PRESERVATION	The concrete drains shall be de-silted and regular supervision of the areas shall be carried out so that blocking of drains may be avoided for quick discharge of rainwater.		Enter	 Delete Row
15	Human Health Environment	The workers shall regularly use safety gadgets such as safety shoe, helmets, gloves (engaged in Rolling Mill and IF areas), safety goggles and heat resistance aprons.		Enter	 Delete Row
16	AIR QUALITY MONITORING AND PRESERVATION	Monitoring report on Ambient Air Quality, fugitive dust and noise levels inside the plant shall be submitted along with the six-monthly compliance reports.		Enter	 Delete Row
17	Corporate Environmental Responsibility	Environmental Management Cell shall be established immediately and shall be headed by a Senior Officer and the mandate of the Cell shall be defined for effective management of environment control measures. The project shall employ an Environmental officer who would be technically qualified to look after various pollution control measures.		Enter	 Delete Row
18	Corporate Environmental Responsibility	The project shall develop its own website to upload compliance measure taken to reduce pollution and to ensure implementation of		Enter	 Delete Row







		transparency with general public.			
19	Human Health Environment	Company should develop an HSE Policy.		<a href="#">Enter</a>	 Delete Row
20	Human Health Environment	All the permanent workers should be covered under ESI Scheme.		<a href="#">Enter</a>	 Delete Row
21	Human Health Environment	Safety awareness among the workers should be provided		<a href="#">Enter</a>	 Delete Row
22	Human Health Environment	The company should have the provision for treatment of its workers at the local Nursing Homes & Hospitals in case of emergency.		<a href="#">Enter</a>	 Delete Row
23	Human Health Environment	Annual Medical Check-up on some medical parameters like Blood test, Chest X-Ray, Eye test, Audiometry, Spirometry etc. should be conducted amongst the employees of the Company at company's Occupational Health Centre.		<a href="#">Enter</a>	 Delete Row
24	Human Health Environment	The company should conduct Pre-employment check-up.		<a href="#">Enter</a>	 Delete Row
25	Human Health Environment	Awareness on the proper use of Personal Protective Equipment (PPE) should be made.		<a href="#">Enter</a>	 Delete Row
26	Human Health Environment	Arrangement for Ambulance with basic facilities with 24 hrs driver and attendant should be made		<a href="#">Enter</a>	 Delete Row
27	Human Health Environment	Sites for construction and workers camp should be clearly demarcated to prevent occupational hazards. Ensure provision for necessary basic needs and infrastructure facilities such as water supply, sanitary facilities, rest shed etc.		<a href="#">Enter</a>	 Delete Row

28	Risk Mitigation and Disaster Management	Where gases or fumes are likely to be present in foundations, sufficient mechanical / artificial ventilation shall be provided to protect the health and safety of persons working there. If necessary, the personnel working there shall be provided with respiratory protective equipment when work in such unhealthy conditions is to be carried out.		Enter	 Delete Row
29	Risk Mitigation and Disaster Management	Hazardous materials such as lubricating oil, compressed gases, paints and varnishes required during construction phase should be stored properly as per the regulations at isolated places		Enter	 Delete Row
30	Risk Mitigation and Disaster Management	Accidental spillages of oil from construction equipment and storage sites should be prevented.		Enter	 Delete Row
31	Risk Mitigation and Disaster Management	It should be ensured that diesel powered vehicles and construction machinery are properly maintained to minimize the exhaust emission as well as noise generation..		Enter	 Delete Row
32	Risk Mitigation and Disaster Management	Fire protection system for the proposed plant should comprise of an elaborate network of fire brigades, water reservoir, pumps, hydrants, Medium velocity spray system, fire engines, sprinkler system, fire alarms, smoke and heat detectors etc.		Enter	 Delete Row
33	Risk Mitigation and Disaster Management	FPortable fire extinguishers of various capacities containing agents such as CO2, DCP		Enter	 Delete Row





		etc. and should be located at strategic points of the plant.			
34	Risk Mitigation and Disaster Management	In view of vulnerability to fire, effective preventive and design measures should be taken to minimise fire hazard.		Enter	Delete Row
35	Risk Mitigation and Disaster Management	There shall be a separate Fire Fighting Department for the proposed plant, which will be full-fledged comprising fire brigade, trained crew, fire fighting materials, dress and equipment.		Enter	Delete Row
36	Risk Mitigation and Disaster Management	Fire fighting Department will conduct mock drills at regular intervals to check the efficacy of fire fighting systems.		Enter	Delete Row

## General Conditions







Sr.No.	Condition Heading	Condition Details	Status of Compliance,Remarks/Reason and Supporting Documents	Fill Status of Compliance	Action
1	Statutory compliance	The project authorities must strictly adhere to the stipulations made by the West Bengal Pollution Control Board and the State Government.		Enter	Delete Row
2	Statutory compliance	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change (MoEF&CC).		Enter	Delete Row
3	AIR QUALITY MONITORING AND PRESERVATION	At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM10, PM2.5, SO2 and NOX are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its Regional Office at Bhubaneswar and the SPCB/CPCB once in six months.		Enter	Delete Row

4	WATER QUALITY MONITORING AND PRESERVATION	Industrial wastewater shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May 1993 and 31st December, 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.		Enter	 Delete Row
5	Noise Monitoring & Prevention	The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) 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).		Enter	 Delete Row
6	Human Health Environment	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.		Enter	 Delete Row
7	WATER QUALITY MONITORING AND PRESERVATION	The company shall develop rain water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.		Enter	 Delete Row
8	Corporate Environmental Responsibility	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report. Further, the company must undertake socio-economic development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc.		Enter	 Delete Row
9	Corporate Environmental Responsibility	Requisite funds shall be earmarked towards capital cost and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change (MoEF&CC) as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional Office of the Ministry at Bhubaneswar. The funds so provided shall		Enter	 Delete Row

not be diverted for any other purpose.

10	Statutory compliance	A copy of clearance letter shall be sent by the proponent to the concerned Panchayat, Zila Parishad/Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.	<a href="#">Enter</a>	 Delete Row
11	Statutory compliance	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. It shall simultaneously be sent to the Regional Office of the MOEF&CC at Bhubaneswar. The respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM10, SO2 and NOX (ambient levels as well as stack emissions) or critical sectorial 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.	<a href="#">Enter</a>	 Delete Row
12	Statutory compliance	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MOEF&CC, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Bhubaneswar/ CPCB/ SPCB shall monitor the stipulated conditions.	<a href="#">Enter</a>	 Delete Row
13	Statutory compliance	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Office of	<a href="#">Enter</a>	 Delete Row

the MOEF&CC at Bhubaneswar by e-mail.

14	Statutory compliance	The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at Website of the Ministry of Environment, Forest and Climate Change (MoEF&CC) at <a href="http://envfor.nic.in">http://envfor.nic.in</a> . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional office at Bhubaneswar.	Enter	 Delete Row
15	Statutory compliance	Project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.	Enter	 Delete Row
16	Statutory compliance	The Ministry may revoke or suspend the clearance, if implementation of any of the above condition is not satisfactory.	Enter	 Delete Row
17	Statutory compliance	The Ministry reserves the right to stipulate additional conditions if found necessary. The company in a time bound manner shall implement these conditions.	Enter	 Delete Row
18	Statutory compliance	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and Rules.	Enter	 Delete Row
19	Statutory compliance	Sensitization of project proponents on implementation of ban on Single Use Plastic (SUP).	Enter	 Delete Row

## Document Upload

**Last Site Visit****Report (if available)** No file chosen  
(Upload Pdf only Max 20 MB)**Last Site Visit****Report Date (if available)**

02-02-2021

**Additional Attachment (if any)**[Click to View](#) No file chosen  
(Upload Pdf only Max 20 MB)**Additional Remarks (if any)**

I '[Orissa Metaliks Pvt. Ltd](#)' 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.



**Name of the Project: -**

Iron Ore Beneficiation Plant, Pellet Plant (2.2 MTPA),  
Producer Gas Plant (480 TPD or 75,000 Nm<sup>3</sup>/hr)

**Clearance Letter/s No. and date: -**

EC No-J-11011/182/2012-IAII (I); Dated 24.02.2015,  
23.09.2020 and 'No increase in pollution load  
certificate' under clause 7 (II) b of EIA notification  
issued by WBPCB vide memo no.131-2N-  
29/2019(E)-Pt. II dated 16.03.2022.

**Period of Compliance Report: -**

April 2023 to September 2023

A.	Specific Conditions w.r.t to 'No increase in pollution load certificate' under clause 7 (II) b of EIA notification issued by WBPCB vide memo no.131-2N-29/2019(E)-Pt. II dated 16.03.2022.	Compliance Status
i)	The project proponent shall comply with the strict emission norms of 30 mg/Nm <sup>3</sup> .	Being Complied Stack monitoring is carried out on regular basis by W.B.P.C.B/ NABL/ MoEF authorized laboratories. Latest Analysis report is attached as <b>Annexure - I</b> . Also Online stack monitoring system is installed with stack as per CPCB guideline and data are transferred to CPCB server & State portal. OCEMS report for last six month is enclosed as <b>Annexure - II</b> .
ii)	The pollution load after expansion shall not exceed the existing pollution load as submitted on Parivesh Portal.	Agreed and being complied with

SL. No.	CONDITIONS	COMPLIANCE STATUS
<b>A. SPECIFIC CONDITIONS</b>		
i.	On-line ambient air quality monitoring and continuous stack monitoring facilities for all the stacks shall be provided and sufficient air pollution control devices viz. Electrostatic precipitator (ESP), and bag filters etc. shall be provided to keep the emission levels below 50 mg/Nm by installing energy efficient technology.	Being Complied Project is being operated by name of M/s Orissa Metaliks Private Limited (Unit-II) and is still under constructional phase. Only 02 nos. pellet plants and 6x 7500 Nm <sup>3</sup> /hr Producer Gas Plant is in operation. 01 nos. manual AAQM systems installed at plant main gate and 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 and the online ambient air quality data is being transferred to WBPCB online server. CAAQMS data's are enclosed as <b>Annexure-III</b> . The management of OMPL has installed 24 x7 continuous emission monitoring system as per CPCB guideline at process stacks to monitor stack emission and the data is being transferred to CPCB online server. The Pellet Plant is equipped with individual ESP, bag filters, and cyclone. All ESP & bag houses are designed to meet the standard below 30 mg/Nm <sup>3</sup> . Recently at two locations viz., Gokulpur, Shyamraipur and Near Plant main Gate AAQ monitoring carried by third party monitoring agency M/s





		<p>Greenvision Laboratory Services, West Bengal which is NABL/ WBPCB accredited laboratory has done the analysis. As per monitoring reports for month of September 2023, AAQ levels are as follows:</p> <table border="1"> <thead> <tr> <th>Parameter</th> <th>Gokulpur Village</th> <th>Shyamraipur Village</th> <th>Near plant main gate</th> </tr> </thead> <tbody> <tr> <td>PM<sub>10</sub> (µg/m<sup>3</sup>)</td> <td>65.93</td> <td>69.18</td> <td>76.57</td> </tr> <tr> <td>PM<sub>2.5</sub>(µg/m<sup>3</sup>)</td> <td>34.16</td> <td>35.83</td> <td>36.58</td> </tr> <tr> <td>SO<sub>2</sub> (µg/m<sup>3</sup>)</td> <td>8.79</td> <td>8.05</td> <td>9.52</td> </tr> <tr> <td>NO<sub>x</sub> (µg/m<sup>3</sup>)</td> <td>32.22</td> <td>31.62</td> <td>34.44</td> </tr> <tr> <td>CO (mg/m<sup>3</sup>)</td> <td>0.195</td> <td>0.178</td> <td>0.288</td> </tr> </tbody> </table> <p>The latest Ambient Air Quality (AAQ) analysis reports are attached in as <b>Annexure-IV</b>.</p>	Parameter	Gokulpur Village	Shyamraipur Village	Near plant main gate	PM <sub>10</sub> (µg/m <sup>3</sup> )	65.93	69.18	76.57	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	34.16	35.83	36.58	SO <sub>2</sub> (µg/m <sup>3</sup> )	8.79	8.05	9.52	NO <sub>x</sub> (µg/m <sup>3</sup> )	32.22	31.62	34.44	CO (mg/m <sup>3</sup> )	0.195	0.178	0.288
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ii.	<p>The National Ambient Air Quality Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be followed.</p>	<p>Being Complied</p> <p>Management is strictly maintaining the National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16<sup>th</sup> November, 2009.</p> <p>Ambient Air Quality (AAQ) is monitored) at two locations viz., Shyamraipur, Gokulpur village and Near Plant main Gate AAQ monitoring carried by third party monitoring agency M/s Greenvision Laboratory Services, West Bengal which is NABL/ WBPCB/OSPCB accredited laboratory has done the analysis. Latest CAAQMS &amp; AAQM reports are already enclosed as <b>Annexure-III</b> and <b>Annexure-IV</b>.</p>																								
iii.	<p>Gaseous emission levels including secondary fugitive emissions from all the sources shall be controlled within the latest permissible limits issued by the Ministry vide G.S.R. 414(E) dated 30th May, 2008 and regularly monitored. Guidelines/Code of Practice issued by the CPCB shall be followed.</p>	<p>Agreed</p> <p>Project is still under constructional phase, only 02 nos. pellet plants and 6 x 7500 Nm<sup>3</sup>/hr Producer Gas Plant are in operation. The project design is made keeping in view norms &amp; regulations. To mitigate the fugitive emission the action taken by management of OMPL are:</p> <ol style="list-style-type: none"> <li>Installed dust suppression system and bag filters at conveyor and transfer points, product handling, loading and unloading points.</li> <li>60 nos. fixed water sprinklers/ water gun installed in the critical areas like internal roads, plant area, railway siding and raw materials handling area for effectively controlling the fugitive emission.</li> <li>Dedicated 01 No water spraying tankers are in use.</li> <li>Concreting of internal road with proper drainage system to reduce fugitive emission because of movement of trucks.</li> <li>01 no movable Water mist fog system is being used in order to reduce the fugitive dust.</li> <li>Frequency of Mechanical Street sweeping machine with vacuum cleaning has been increased from 02 times a days to 04 times a day.</li> <li>Dry fog system is installed</li> </ol> <p>Fugitive emission monitoring for the plants in operation is carried out on regular basis by WBPCB/NABL/MoEF&amp;CC authorized laboratories. Fugitive Emissions have been monitored at Pellet Plant Area, Railway Siding &amp; Product House &amp; Beneficiation Area by third party monitoring agency M/s Greenvision Laboratory Services, West Bengal which is NABL/ WBPCB accredited laboratory has done the analysis. As per monitoring reports for month of September 2023 the emission levels are as follows:</p> <table border="1"> <thead> <tr> <th>Parameter</th> <th>Pellet Plant Area III &amp; V</th> <th>Railway Siding</th> <th>Product Area</th> </tr> </thead> <tbody> <tr> <td>TSPM (µg/m<sup>3</sup>)</td> <td>441.33</td> <td>537.15</td> <td>306.42</td> </tr> </tbody> </table> <p>Fugitive emission report is enclosed as <b>Annexure-V</b>.</p>	Parameter	Pellet Plant Area III & V	Railway Siding	Product Area	TSPM (µg/m <sup>3</sup> )	441.33	537.15	306.42																
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	filters shall be installed to control the fugitive dust emissions at conveyor and transfer points, product handling, loading and unloading points.	<p>Project is still under constructional phase, only 02 nos. pellet plants and 6 x 7500 Nm<sup>3</sup>/hr Producer Gas Plant are in operation. The project designed is made keeping in view norms &amp; regulations.</p> <p>The management of OMPL have already installed dust suppression system (dry fog system, movable water canon fog mist system etc.) and bag filters at conveyor and transfer points, product handling, loading and unloading points.</p> <p>Also Fugitive emission monitoring for the plants in operation is carried out on regular basis by WBPCB/NABL/MoEF&amp;CC authorized laboratories.</p>																						
v.	Efforts shall further be made to use maximum water from the rain water harvesting sources. If needed, capacity of the reservoir shall be enhanced to meet the maximum water requirement. Only balance water requirement shall be met from other sources. Use of air cooled condensers shall be explored and closed circuit cooling system shall be provided to reduce water consumption and water requirement shall be modified accordingly.	<p>Being Complied</p> <p>Currently 02 nos. pellet plants and 6 x 7500 Nm<sup>3</sup>/hr Producer Gas Plant is in operation. Total fresh make up water requirement for operational project is 167 KLD. Orissa Metaliks (P) Limited (Unit-II) has adequate water withdrawal permission of ground water &amp; surface water (River Kansabati) from SWID, West Bengal. Also management has obtained permission for nalla/ waste water from Kharagpur Municipality for using it in process after treatment. Detail scheme for integrated water distribution network between associate company of the Group is already submitted to ministry, IRO Kolkata, WBPCB vide letter no-RML/Reply_SWID/20-21/02 dated 01.01.2020.</p> <p>Rain Water Harvesting Pond of size approximately 30,000 m<sup>3</sup> [02 Nos.] is there and water is used for green belt development &amp; dust suppression.</p>																						
vi.	All the effluent shall be treated and used for ash handling, dust suppression and green belt development. No effluent shall be discharged and 'zero' discharge shall be adopted. Sanitary sewage shall be treated in septic tank followed by soak pit.	<p>Agreed</p> <p>The plant is designed as Zero Discharge Plant and no waste water is discharged outside plant premises. Water in pellet plant is used for cooling purpose and Phenolic water is used for green ball making and in ABC of DRI kiln of OMPL (Unit-I) plant (associate company).</p> <p>Domestic waste water is treated in STP of adequate capacity.</p>																						
vii.	Regular monitoring of influent and effluent surface, sub-surface and ground water shall be ensured and treated wastewater shall meet the norms prescribed by the State Pollution Control Board or described under the E(P) Act whichever are more stringent. Leachate study for the effluent generated and analysis shall also be regularly carried out and report submitted to the Ministry's Regional Office at Bhubaneswar, SPCB and CPCB.	<p>Being Complied</p> <p>The management of OMPL-II is conducting third party monitoring of effluent, sub-surface and ground water by M/s Greenvision Laboratory Services, West Bengal which is NABL/ WBPCB accredited laboratory. As per monitoring reports for month of September 2023 the results are as follows</p> <table border="1" data-bbox="764 1423 1443 1661"> <thead> <tr> <th rowspan="3">Parameters</th> <th colspan="2">Industrial Effluent water</th> </tr> <tr> <th colspan="2">ETP</th> </tr> <tr> <th>INLET</th> <th>OUTLET</th> </tr> </thead> <tbody> <tr> <td>pH</td> <td>7.83</td> <td>7.47</td> </tr> <tr> <td>TSS (mg/l)</td> <td>92.0</td> <td>24.6</td> </tr> <tr> <td>Oil and Grease (mg/l)</td> <td>4.02</td> <td>2.8</td> </tr> <tr> <td>BOD (mg/l)</td> <td>15.5</td> <td>9.2</td> </tr> <tr> <td>COD (mg/l)</td> <td>106.92</td> <td>58.04</td> </tr> </tbody> </table> <p>Effluent Analysis and Drinking Water analysis reports are attached in as Annexure -VI.</p>	Parameters	Industrial Effluent water		ETP		INLET	OUTLET	pH	7.83	7.47	TSS (mg/l)	92.0	24.6	Oil and Grease (mg/l)	4.02	2.8	BOD (mg/l)	15.5	9.2	COD (mg/l)	106.92	58.04
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viii.	Proper utilization of fly ash shall be ensured as per Fly Ash Notification, 1999 and subsequent amendment in 2003 and 2010. All the fly ash shall be provided to cement and brick manufacturers for further utilization and	<p>Not Applicable.</p>																						



	Memorandum of Understanding shall be submitted to the Ministry's Regional Office.	
ix.	Risk and Disaster Management Plan along with the mitigation measures shall be prepared and a copy submitted to the Ministry's Regional Office, SPCB and CPCB within 3 months of issue of environment clearance letter.	<p>Complied</p> <p>The Risk &amp; Disaster Management Plan has been prepared and a copy is already submitted to the Ministry's Regional Office at Bhubaneswar vide letter no. - OMPL-KGP/BHU/ENV-COMPL-I/Dec_2015 dated 24.11.2015.</p>
x.	As proposed, green belt shall be developed in 33 % of plant area. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.	<p>Being Complied</p> <p>Green belt with 20 m width and density of 2500 per hectare along and around boundary of the site towards the highway sapling/ plantation already started. In financial year 2022-23 (from April to September), around 200 saplings were planted and the survival rate is 89 %. To maintain green belt development work dedicated manpower has been deployed</p> <p>Detail of Green belt development and recent photograph is enclosed as <b>Annexure-VII.</b></p> 
xi.	At least 5 % of the total cost of the project shall be earmarked towards the Enterprise Social Commitment (ESC) based on local needs. The proponent shall prepare a detailed CSR Plan for every next 5 years for the existing-cum-expansion project, which includes village-wise, sector-wise (Health, Education, Sanitation, Health, Skill Development and infrastructure requirements such as strengthening of village roads, avenue plantation, etc) activities in consultation with the local	<p>Being Complied</p> <p>M/s Orissa Metaliks Private Limited has well-defined CSR/CER policy under which OMPL carries out social development and welfare measures in the surrounding villages.</p> <p>In financial year 2023-24, OMPL company has spent Rs. 2, 50, 00,000 under the head of CSR/CER. The recent CSR/CER photograph are:</p> 

communities and administration. The CSR Plan will include the amount of 2% retain annual profits as provided for in Clause 135 of the Companies Act, 2013 which provides for 2% of the average net profits of previous 3 years towards CSR activities for life of the project. A separate budget head shall be created and the annual capital and revenue expenditure on various activities of the Plan shall be submitted as part of the Compliance Report to RO, Bangalore. The details of the CSR Plan shall also be uploaded on the company website and shall also be provided in the Annual Report of the company.




xii. The project shall prepare a plan to properly discharge rainwater from the plant area so that water

Will be Complied

As stated earlier, project is still under constructional phase only 02 nos. pellet



	logging may be avoided in general and near DRI plants in particular and submitted with the 6 monthly compliance report.	plants and 6 x 7500 Nm <sup>3</sup> /hr Producer Gas Plant are in operation. The conditions are considered in the design of the project. Along all internal road proper drainage system are constructed.  For properly discharging rainwater from the plant area so that water logging can be avoided, existing drains are connected with existing rain water harvesting pond of size approximately 30,000 m <sup>3</sup> [02 Nos].
xiii.	The concrete drains shall be de-silted and regular supervision of the areas shall be carried out so that blocking of drains may be avoided for quick discharge of rainwater.	Agreed  The management of OMPL-II have constructed drains along the internal road and is connected with 01 no guard/storm water collecting pond inside the plant premises.   <p style="text-align: center;"><b>COVERED DRAIN</b></p> Regular cleaning of drain systems pre monsoon & post monsoon is done in order to avoid blockage of drains.
xiv.	The workers shall regularly use safety gadgets such as safety shoe, helmets, gloves (engaged in Rolling Mill and IF areas), safety goggles and heat resistance aprons.	Being Complied  The workers are using safety gadgets such as safety shoes, helmets, gloves, ear plug, mask, face shield inside the plant.
xv.	Monitoring report on Ambient Air Quality, fugitive dust and noise levels inside the plant shall be submitted along with the six-monthly compliance reports.	In compliance to this point this report is being submitted.  Last latest compliance reports for the period October 2022 to March 2023 submitted vide letter no. - OMPL-KGP/ENV_COMP /June-2022 dated 26.11.2022.
xvi.	Environmental Management Cell shall be established immediately and shall be headed by a Senior Officer and the mandate of the Cell shall be defined for effective management of environment control measures. The project shall employ an Environmental officer who would be technically qualified to look after various pollution control measures.	Complied  A dedicated Environment Management Cell with qualified Experience personnel is there to handle and solve environmental issues and to make sure stipulated environmental norms & conditions are being complied.  The hierarchy chart of the Environment Cell is well defined in Corporate Environmental Policy.
xvii.	The project shall develop its own website to upload compliance measure taken to reduce pollution and to ensure implementation of transparency with general public.	Complied  Orissa Metaliks Private Limited has a website and url is <a href="http://www.orissametaliks.com">www.orissametaliks.com</a> .  Latest compliance reports are uploaded on website at URL <a href="http://orissametaliks.com/qehs.html">http://orissametaliks.com/qehs.html</a> on a regular basis.
xviii.	Company should develop an HSE Policy.	Complied  Company has a well-defined HSE Policy and system of the reporting of any infringements/ non-compliance of EC conditions to the Board of Directors is in place.
xix.	All the permanent workers should be covered under ESI Scheme.	Complied

		All permanent workers are covered under ESI Scheme as per ESI Act.
xx.	Safety awareness among the workers should be provided.	Being Complied Safety awareness campaigns are being organised inside the plant premises for all units with the objective of demonstrating the use of PPEs in different work zone and explaining the benefit of using PPEs. Number of safety symbol/ slogans inside plant premise at suitable location has been increased in order to boost morale of the work force, increase job satisfaction and reduce lost days and workers compensation due to accidents on the job.
xxi.	The company should have the provision for treatment of its workers at the local Nursing Homes & Hospitals in case of emergency.	Agreed& Being complied with
xxii.	Annual Medical Check-up on some medical parameters like Blood test, Chest X-Ray, Eye test, Audiometry, Spirometry etc. should be conducted amongst the employees of the Company at company's Occupational Health Centre.	Being Complied Occupational health surveillance of the workers is accessed and records are maintained as per the Factories Act 1948. Company is ISO 45001:2018 certified. The OHS record is being enclosed as Annexure-VIII.
xxiii.	The company should conduct Pre-employment check-up.	Being Complied Pre-employment check-up is done before issuing work permit.
xxiv.	Awareness on the proper use of Personal Protective Equipment (PPE) should be made.	Being Complied The company supplies PPE (personal protective Equipment) to all the workers and the management is very strict about its proper usage. Safety awareness campaigns are being organised inside the plant premises for all units with the objective of demonstrating the use of PPEs in different work zone and explaining the benefit of using PPEs. Number of safety symbol/ slogans inside plant premise at suitable location has been increased in order to boost morale of the work force, increase job satisfaction and reduce lost days and workers compensation due to accidents on the job.
xxv.	Arrangement for Ambulance with basic facilities with 24 hrs driver and attendant should be made.	Being Complied Arrangement for Ambulance with basic facilities with 24 hrs driver and attendant is made.
xxvi.	Sites for construction and workers camp should be clearly demarcated to prevent occupational hazards. Ensure provision for necessary basic needs and infrastructure facilities such as water supply, sanitary facilities, rest shed etc.	Being Complied Sites for construction and workers camp are clearly demarcated to prevent occupational hazards. Housing for construction labour outside the site with all necessary infrastructure and facilities such as fuel for cooking, toilets, drinking water etc. are provided.
xxvii.	Where gases or fumes are likely to be present in foundations, sufficient mechanical / artificial ventilation shall be provided to protect the health and safety of persons working there. If necessary, the personnel working	Agreed Sufficient mechanical / artificial ventilation, respiratory protective equipment is & will be provided to protect the health and safety of persons working in a place where gases or fumes are likely to be present in foundations.



	there shall be provided with respiratory protective equipment when work in such unhealthy conditions is to be carried out.	
xxviii.	Hazardous materials such as lubricating oil, compressed gases, paints and varnishes required during construction phase should be stored properly as per the regulations at isolated places.	Being Complied Hazardous materials such as lubricating oil, compressed gases, paints, and varnishes required during construction phase are stored properly and disposed of as per Hazardous & Other Waste (Management & Transboundary Movement) Rules, 2016. The annual return (FORM-IV) for the financial year (2022-2023) in prescribed format submitted on Online Consent Management & Monitoring System portal to WBPCB vides Return no-3919298 dated 30.06.2023.
xxix.	Accidental spillages of oil from construction equipment and storage sites should be prevented.	Noted
xxx.	It should be ensured that diesel powered vehicles and construction machinery are properly maintained to minimize the exhaust emission as well as noise generation.	Being Complied Vehicles having valid PUC Certificates are allowed in plant premises to ensure that diesel powered vehicles and construction machinery are properly maintained to minimize the exhaust emission as well as noise generation.
xxxi.	Fire protection system for the proposed plant should comprise of an elaborate network of fire brigades, water reservoir, pumps, hydrants, Medium velocity spray system, fire engines, sprinkler system, fire alarms, smoke and heat detectors etc.	Being Complied Fire brigades, water reservoir, pumps, hydrants, medium velocity spray system are located at strategic points of the plant.
xxxii.	Portable fire extinguishers of various capacities containing agents such as CO <sub>2</sub> , DCP etc. and should be located at strategic points of the plant.	Being Complied Portable fire extinguishers of various capacities containing agents such as CO <sub>2</sub> , DCP etc. are located at strategic points of the plant.
xxxiii.	In view of vulnerability to fire, effective preventive and design measures should be taken to minimise fire hazard.	Being Complied
xxxiv.	There shall be a separate Fire Fighting Department for the proposed plant, which will be full-fledged comprising fire brigade, trained crew, fire fighting materials, dress and equipment.	Being Complied
xxxv.	Fire fighting Department will conduct mock drills at regular intervals to check the efficacy of fire fighting systems.	Being Complied
<b>B. GENERAL CONDITIONS</b>		
i.	The project authorities must strictly adhere to the stipulations made by the West Bengal Pollution Control Board and the State Government.	Being Complied Adequate measure has been taken by management of OMPL for pollution control and complying with all condition issues by Central Pollution Control Board and State Pollution Control Board. Reports of Monitoring and compliance are submitted to WBPCB on regular basis.
ii.	No further expansion or	Agreed








	modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change (MoEF&CC).	In compliance to this point, management under clause 7(II) of EIA notification obtained expansion of existing pellet plant from No Increase In Pollution Load Committee, WBPCB vide memo no-264-2 N-29/2019 (E)-PT dated 23.09.2020, memo no.131-2N-29/2019(E)-Pt.II dated 16.03.2022.																																		
iii.	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>x</sub> are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its Regional Office at Bhubaneswar and the SPCB/CPCB once in six months.	<p style="text-align: center;">Being Complied</p> <p>As stated in <b>point no-i</b>, 01 nos. manual AAQM systems installed at plant main gate and 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 and the online ambient air quality data is being transferred to WBPCB online server.</p>																																		
iv.	Industrial wastewater shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May 1993 and 31 <sup>st</sup> December, 1993 or as amended form time to time. The treated wastewater shall be utilized for plantation purpose.	<p style="text-align: center;">Being Complied</p> <p>The Plant has been designed on "Zero" discharge concept and it is ensured by top level management that no water is discharged outside the plant premises. Water in pellet plant is used for cooling purpose and phenolic water is used for green ball making and in ABC of DRI Kiln of OMPL, Unit-I.</p> <p>Domestic waste water is treated in STP of adequate capacity.</p>																																		
v.	The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) 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).	<p style="text-align: center;">Being Complied</p> <p>The management takes all necessary steps to control the noise level (Ambient &amp; Source) inside the plant premises and a dedicated team is engaged to continuously check the noise level.</p> <p>Also ambient &amp; point source noise analysis for plant is being carried by NABL/MoEF accredited lab on regular basis.</p> <p>Noise level have been monitored at four locations viz. Plant Main Gate, Shyamraipur Village, Railway Siding, Truck parking Area &amp; Pellet Plant Area by third party monitoring agency M/s Greenvision Laboratory Services, West Bengal which is NABL/ WBPCB accredited laboratory. As per monitoring reports the noise levels are as follows:</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th rowspan="3">Parameter</th> <th colspan="2">Near Plant Main Gate</th> <th colspan="2">Shyamraipur Village</th> <th colspan="2">Truck Parking</th> <th>Railway Siding</th> <th>Near Pellet Plant Area</th> </tr> <tr> <th colspan="8" style="text-align: center;">Ambient</th> </tr> <tr> <th>Day</th> <th>Night</th> <th>Day</th> <th>Night</th> <th>Day</th> <th>Night</th> <th>Avg.</th> <th>Avg.</th> </tr> </thead> <tbody> <tr> <td>Leq (dBA)</td> <td>61.5</td> <td>51.2</td> <td>59.1</td> <td>50</td> <td>60.8</td> <td>50.8</td> <td>57.3-65.7</td> <td>60.3-69.2</td> </tr> </tbody> </table> <p>The Ambient &amp; Work Zone Noise quality monitoring reports are enclosed as <b>Annexure - IX</b>.</p>	Parameter	Near Plant Main Gate		Shyamraipur Village		Truck Parking		Railway Siding	Near Pellet Plant Area	Ambient								Day	Night	Day	Night	Day	Night	Avg.	Avg.	Leq (dBA)	61.5	51.2	59.1	50	60.8	50.8	57.3-65.7	60.3-69.2
Parameter	Near Plant Main Gate			Shyamraipur Village		Truck Parking		Railway Siding	Near Pellet Plant Area																											
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Leq (dBA)	61.5	51.2	59.1	50	60.8	50.8	57.3-65.7	60.3-69.2																												
vi.	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>As stated in <b>point no- xxii</b>, Occupational health surveillance of the workers will be accessed and records will be maintained as per the Factories Act 1948. Company is ISO 45001:2018 certified.</p>																																		
vii.	The company shall develop rain water harvesting structures to harvest the rain water for	<p style="text-align: center;">Complied</p> <p>Orissa Metaliks (P) Limited Unit-II has 30,000 KL 02 Nos. rain water harvesting ponds in plant premises and harvested water are being used in</p>																																		



	utilization in the lean season besides recharging the ground water table.	dust suppression, greenbelt development.																												
viii.	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report. Further, the company must undertake socio-economic development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc.	<p style="text-align: center;">Being Complied</p> <p>The management of OMPL are in process of complying all the commitments and recommendations made in the EIA/EMP report, undertaking socio-economic development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc. under CSR head.</p> <p>The CSR details are discussed in <b>point no-xi</b>.</p>																												
ix.	Requisite funds shall be earmarked towards capital cost and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change (MoEF&CC) as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional Office of the Ministry at Bhubaneswar. The funds so provided shall not be diverted for any other purpose.	<p style="text-align: center;">Being Complied</p> <p>An amount of Rs. 21.0 crores and Rs.2.96 crores has been earmarked towards capital cost and annual recurring cost for implementing the environmental protection measures.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="text-align: center;">Recurring Cost Incurred on Environmental Safeguard for OMPL-II plant</th> </tr> <tr> <th style="width: 15%;">Year</th> <th style="width: 25%;">Particulars</th> <th style="width: 40%;">Narration</th> <th style="width: 20%;">Amount</th> </tr> </thead> <tbody> <tr> <td rowspan="5" style="text-align: center; vertical-align: middle;">2023-2024 (April. to September)</td> <td>Green Belt Development</td> <td>Maintenance, labour cost, etc.</td> <td style="text-align: right;">1,00,000</td> </tr> <tr> <td>House Keeping &amp; Solid/H.Z Waste Management System</td> <td>Labour charges, Drainage Cleaning and other materials</td> <td style="text-align: right;">3,15,000.00</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 style="text-align: right;">2,05,000.00</td> </tr> <tr> <td>O.H. Management &amp; Safety Plan</td> <td>Occupational Health Management, Risk Mitigation &amp; Safety Plan</td> <td style="text-align: right;">1,55,000.00</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 style="text-align: right;">1,15,00,000.00</td> </tr> <tr> <td colspan="3" style="text-align: center;"><b>TOTAL</b></td> <td style="text-align: right;"><b>1,22,75,000.00</b></td> </tr> </tbody> </table>	Recurring Cost Incurred on Environmental Safeguard for OMPL-II plant				Year	Particulars	Narration	Amount	2023-2024 (April. to September)	Green Belt Development	Maintenance, labour cost, etc.	1,00,000	House Keeping & Solid/H.Z Waste Management System	Labour charges, Drainage Cleaning and other materials	3,15,000.00	Analysis & Monitoring of Environmental Parameters	Stack, Fugitive, Ambient, Water etc. Monitoring & Analysis, In-house Analysis	2,05,000.00	O.H. Management & Safety Plan	Occupational Health Management, Risk Mitigation & Safety Plan	1,55,000.00	O & M on A.P.C Devices	Operation & Maintenance cost, Electricity consumption etc. on A.P.C Device installed.	1,15,00,000.00	<b>TOTAL</b>			<b>1,22,75,000.00</b>
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<b>TOTAL</b>			<b>1,22,75,000.00</b>																											
x.	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.	<p style="text-align: center;">Complied</p> <p>Copies of EC have been submitted to local bodies, Panchayat and Municipal bodies and also uploaded on the website of the company <a href="http://orissametaliks.com/qehs.html">http://orissametaliks.com/qehs.html</a></p>																												



<p>xi.</p>	<p>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. It shall simultaneously be sent to the Regional Office of the MOEF&amp;CC at Bhubaneswar. The respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM<sub>10</sub>, SO<sub>2</sub> and NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectorial 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>	<p style="text-align: center;">Being Compiled</p> <p>Compliance reports and monitoring results are being uploaded on the company website <a href="http://www.orissametaliks.com">www.orissametaliks.com</a> on regular basis.</p> <p>Regular reports of Monitoring and compliance are submitted to the State Level Environment Impact Assessment Authority, West Bengal &amp; WBPCB regularly. The details of submission are enclosed here with:</p> <table border="1" data-bbox="727 432 1484 919"> <thead> <tr> <th>Sr. No</th> <th>Year</th> <th>Period Up To</th> <th>Submission Date</th> </tr> </thead> <tbody> <tr> <td rowspan="2">1</td> <td rowspan="2">2016-2017</td> <td>1<sup>st</sup> Dec 2016</td> <td>09.11.2016</td> </tr> <tr> <td>1<sup>st</sup> June 2017</td> <td>17.05.2017</td> </tr> <tr> <td rowspan="2">2</td> <td rowspan="2">2017-2018</td> <td>1<sup>st</sup> Dec 2017</td> <td>20.11.2017</td> </tr> <tr> <td>1<sup>st</sup> June 2018</td> <td>22.05.2018</td> </tr> <tr> <td rowspan="2">3</td> <td rowspan="2">2018-2019</td> <td>1<sup>st</sup> Dec 2018</td> <td>28.11.2018</td> </tr> <tr> <td>1<sup>st</sup> June 2019</td> <td>24.05.2019</td> </tr> <tr> <td rowspan="2">4</td> <td rowspan="2">2019-2020</td> <td>1<sup>st</sup> December</td> <td>14.11.2019</td> </tr> <tr> <td>1<sup>st</sup> June 2020</td> <td>29.05.2020</td> </tr> <tr> <td rowspan="2">5</td> <td rowspan="2">2020-2021</td> <td>1<sup>st</sup> December</td> <td>01.12.2020</td> </tr> <tr> <td>1<sup>st</sup> June, 2021</td> <td>28.05.2021</td> </tr> <tr> <td rowspan="2">6</td> <td rowspan="2">2021-2022</td> <td>1<sup>st</sup> Dec 2021</td> <td>01.12.2021</td> </tr> <tr> <td>1<sup>st</sup> June, 2022</td> <td>26.05.2022</td> </tr> <tr> <td rowspan="2">7</td> <td rowspan="2">2022-2023</td> <td>1<sup>st</sup> Dec 2022</td> <td>21.11.2022</td> </tr> <tr> <td>1<sup>st</sup> June, 2023</td> <td>25.05.2023</td> </tr> </tbody> </table> <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 <a href="http://orissametaliks.com/qehs.html">http://orissametaliks.com/qehs.html</a>.</p> <p>Electronic display board is installed at plant main gate and online stack emission data a CAAQMS data is also being displayed.</p> <div data-bbox="683 1171 1528 1724" data-label="Image"> </div> <p style="text-align: center;">DIGITAL DISPLAY BOARD</p>	Sr. No	Year	Period Up To	Submission Date	1	2016-2017	1 <sup>st</sup> Dec 2016	09.11.2016	1 <sup>st</sup> June 2017	17.05.2017	2	2017-2018	1 <sup>st</sup> Dec 2017	20.11.2017	1 <sup>st</sup> June 2018	22.05.2018	3	2018-2019	1 <sup>st</sup> Dec 2018	28.11.2018	1 <sup>st</sup> June 2019	24.05.2019	4	2019-2020	1 <sup>st</sup> December	14.11.2019	1 <sup>st</sup> June 2020	29.05.2020	5	2020-2021	1 <sup>st</sup> December	01.12.2020	1 <sup>st</sup> June, 2021	28.05.2021	6	2021-2022	1 <sup>st</sup> Dec 2021	01.12.2021	1 <sup>st</sup> June, 2022	26.05.2022	7	2022-2023	1 <sup>st</sup> Dec 2022	21.11.2022	1 <sup>st</sup> June, 2023	25.05.2023
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<p>xii.</p>	<p>The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard</p>	<p style="text-align: center;">Being Compiled</p> <p>This report is being submitted as compliance to this point.</p> <p>The last compliance reports for the period April 2023 to September 2023 submitted vide letter no. - OMPL-KGP/ENV_COMP / June2023 dared</p> <div style="display: flex; justify-content: space-around;">   </div>																																														

	copies as well as by e-mail) to the Regional Office of MOEF&CC, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Bhubaneswar/ CPCB/ SPCB shall monitor the stipulated conditions.	25/05/2023.
xiii.	The environmental statement for each financial year ending 31 <sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Office of the MOEF&CC at Bhubaneswar by e-mail.	Being Compiled Environmental Statement for financial year 2022-2023 in Form-V as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, is submitted vide letter no- OMPL-II/ENV_Statement/2023-24 dated 26.09.2023 to the West Bengal Pollution Control Board and also uploaded on the website of the company <a href="http://orissametaliks.com/qehs.html">http://orissametaliks.com/qehs.html</a>
xiv.	The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at Website of the Ministry of Environment, Forest and Climate Change (MoEF&CC) at <a href="http://envfor.nic.in">http://envfor.nic.in</a> . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional office at Bhubaneswar.	Complied Advertisement for environment clearance transfer, in two local newspapers that are widely circulated in the region are:  ❖ "Aajkal" (Bengali) dated 17.03.2015 and  ❖ "Business Standard" (English) dated 17.03.2015 that are widely circulated in the region.
xv.	Project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.	Noted Company is a private company and no finance is needed from outside.
xvi.	The Ministry may revoke or suspend the clearance, if implementation of any of the above condition is not satisfactory.	Noted 

xvii.	The Ministry reserves the right to stipulate additional conditions if found necessary. The company in a time bound manner shall implement these conditions.	Agreed
xviii.	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and Rules.	Agreed
F. No. IA3-22/8/2021-IA.III [E 150512] dated 18.07.2022		
I)	Sensitization of project proponents on implementation of ban on Single Use Plastic (SUP).	In order to create awareness among the employees about the harm/ impact of Single Use Plastic on environment , banner and flex are displayed at suitable place like work place, canteen, parking area etc.





# ANNEXURE-I

## WEST BENGAL POLLUTION CONTROL BOARD

Haldia Regional Laboratory  
Raghunathchak, P.O.-Barghasipur, P.S.-Bhabanipur  
Haldia, Purba Medinipur - 721 657  
Tel: (03224) 2 91292

### Analysis Report of Gaseous Emission

Sample ID : 190720230185

1. Name of Industry	: M/s. Orissa Metaliks Pvt.Ltd. (Unit-II)
2. Address	: NH-6,Vill-Gokulpur,PO- Shyamraipur, PS-Kharagpur (Local), Paschim Medinipur
3. Category & Type	: Red & Pellet Plant
4. Sampling Date	: 18/07/2023
5. Sampled collected by	: N. C. Barai (AEE), HRO
6. Thimble Number	: 536
7. Name of WBPCB Recognized Laboratory	: M/s. Enviro Cell Laboratory
8. Duration of Sampling	: 32 min
9. Height of Stack from ground (m)	: 50.0
10. Cross section of stack at sampling point (m <sup>2</sup> )	: 7.065
11. Stack connected to	: Pellet Pre Heater-IV
12. Emission source (Furnace / Boiler)	: Combustion of Coal & Producer Gas
13. Average operational hours of boiler/furnace (per month)	: 720 hrs./month
14. APC System (if any)	: ESP
15. Working load of source (MT/hr.)	: 3000 TPD
16. Fuel used	: Coal & Producer Gas
17. Rated Fuel consumption (Kg or L/hr.)	: -
18. Working Fuel consumption (Kg or L/hr.)	: Coal-1.8 TPH; Producer Gas-2300 Nm <sup>3</sup> /hr.
19. Nature of Furnace / Boiler	: Pellet Pre Heater
20. Flue Gas Temp (°C)	: 90.0
21. Flue gas velocity (m/sec)	: 17.87
22. Volume of Flue gas drawn in lit (m <sup>3</sup> )	: 1,024
23. Corrected flue gas volume (Nm <sup>3</sup> )	: 0.9712
24. Percentage CO <sub>2</sub> and or O <sub>2</sub>	: CO <sub>2</sub> -8.4% and O <sub>2</sub> - 11.0%
25. To be compensated at (% , if required)	: -
26. Initial weight of Thimble (g)	: 1.5174
27. Final weight of Thimble (g)	: 1.5413
28. Weight of Particulate Matter (mg)	: 23.90
29. Particulate Matter (mg/Nm <sup>3</sup> )	: 24.61
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 : 01/08/2023

*[Signature]*

Scientist

*[Signature]*

Senior Scientist

Copy to

1. Chief Engineer (O&E)
2. Chief Engineer (Planning)
3. Chief Scientist
4. Haldia Regional Office (2 copies)





# WEST BENGAL POLLUTION CONTROL BOARD

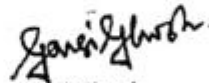
Haldia Regional Laboratory  
Raghunathchak, P.O.-Barghasipur, P.S.-Bhabanipur  
Haldia, Purba Medinipur - 721 657  
Tel: (03224) 291292

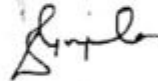
## Analysis Report of Gaseous Emission

Sample ID : 170420230022

1.	Name of Industry	: M/S. Orissa Metalls Pvt Ltd.(Unit-II)
2.	Address	: NH-6,VIII-Gokulpur,Po-Shyamraipur, PS-Kharagpur(Local), Dist-Paschim Medinipur
3.	Category & Type	: Red/Pellet Plant
4.	Sampling Date	: 13/04/2023
5.	Sampled collected by	: K.Sahoo(AEE), HRO
6.	Thimble Number	: 381
7.	Name of WBPCB Recognized Laboratory	: M/s. Enviro Cell Laboratory
8.	Duration of Sampling	: 28 min
9.	Height of Stack from ground (m)	: 50.0
10.	Cross section of stack at sampling point (m <sup>2</sup> )	: 7.065
11.	Stack connected to	: Pellet Pre Heater-V
12.	Emission source (Furnace / Boiler)	: Combustion of Coal & Producer Gas
13.	Average operational hours of boiler/furnace (per month)	: 720 hrs/month
14.	APC System (if any)	: ESP
15.	Working load of source (MT/hr.)	: 3000 TPD
16.	Fuel used	: Coal & Producer Gas
17.	Rated Fuel consumption (Kg or L /hr.)	: -
18.	Working Fuel consumption (Kg or L /hr.)	: Coal-2.7 TPH & Producer Gas-5000 m <sup>3</sup> /hr
19.	Nature of Furnace / Boiler	: Pellet pre-Heater
20.	Flue Gas Temp (°C)	: 94.0
21.	Flue gas velocity (m/sec)	: 20.38
22.	Volume of Flue gas drawn in lit (m <sup>3</sup> )	: 1.008
23.	Corrected flue gas volume (Nm <sup>3</sup> )	: 0.9514
24.	Percentage CO <sub>2</sub> and or O <sub>2</sub>	: CO <sub>2</sub> -8.6% & O <sub>2</sub> -10.8%
25.	To be compensated at (% , if required)	: -
26.	Initial weight of Thimble (g)	: 1.5525
27.	Final weight of Thimble (g)	: 1.5786
28.	Weight of Particulate Matter (mg)	: 26.10
29.	Particulate Matter (mg/Nm <sup>3</sup> )	: 27.43
30.	Barometric Pressure Head in mm of Hg	: 757 mm of Hg
31.	Diameter of the nozzle (mm)	: 6.35 mm
32.	Others	: -

Date of Reporting : 24/04/2023

  
Gargi Ghosh  
Scientist

  
Debanjan Gupta  
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 METALIKS PRIVATE LIMITED UNIT-II (Previously Known as  
Rashmi Metaliks Limited) Stack-4\_Pellet\_Plant\_ID\_No-IV  
Village- Gokulpur, P.S-Shyamraipur, P.O-Khargapur(L), Dist- Paschim Midnapore Khargapur West  
Bengal 721301

Start Date - 2023-04-01

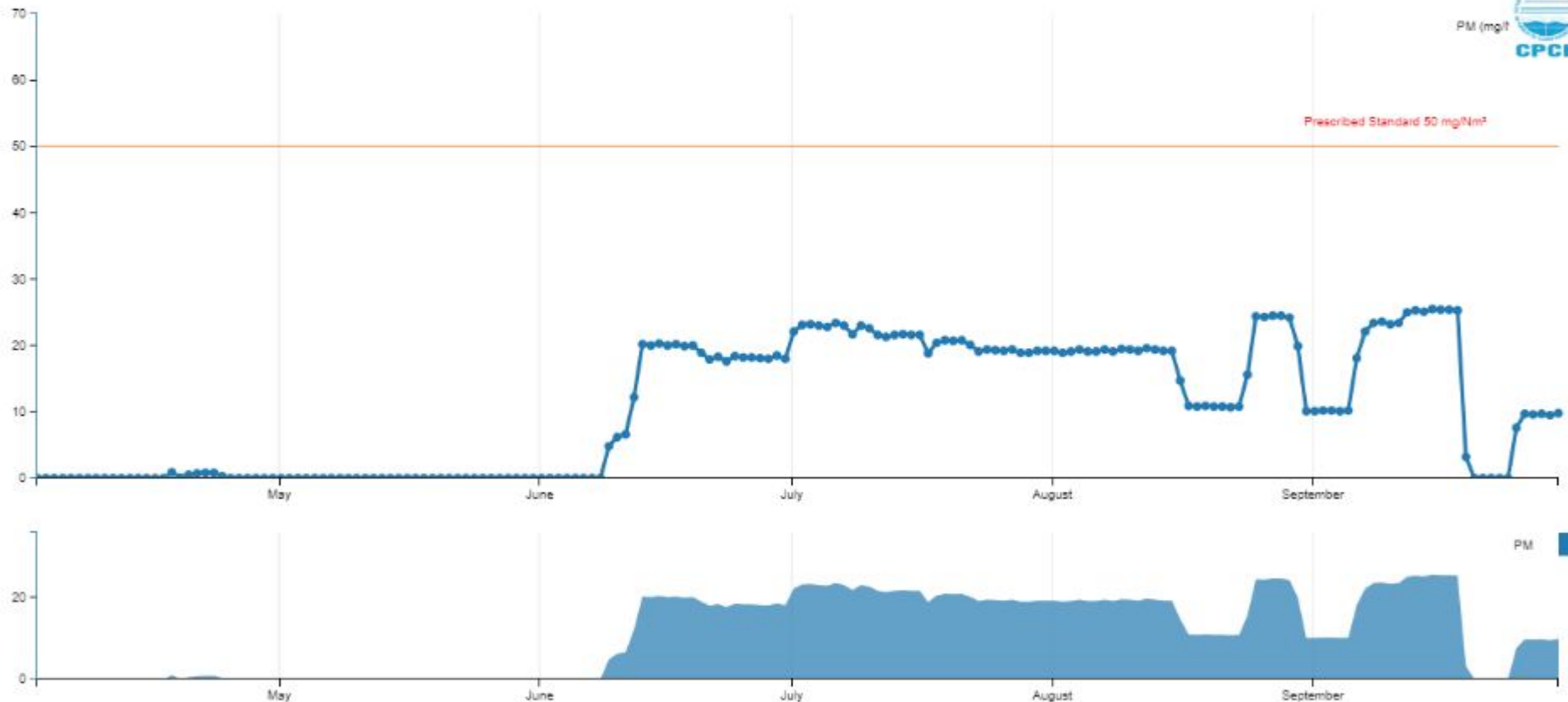
End Date - 2023-09-30

Average - daily



PM (mg/m<sup>3</sup>)

Prescribed Standard 50 mg/m<sup>3</sup>





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

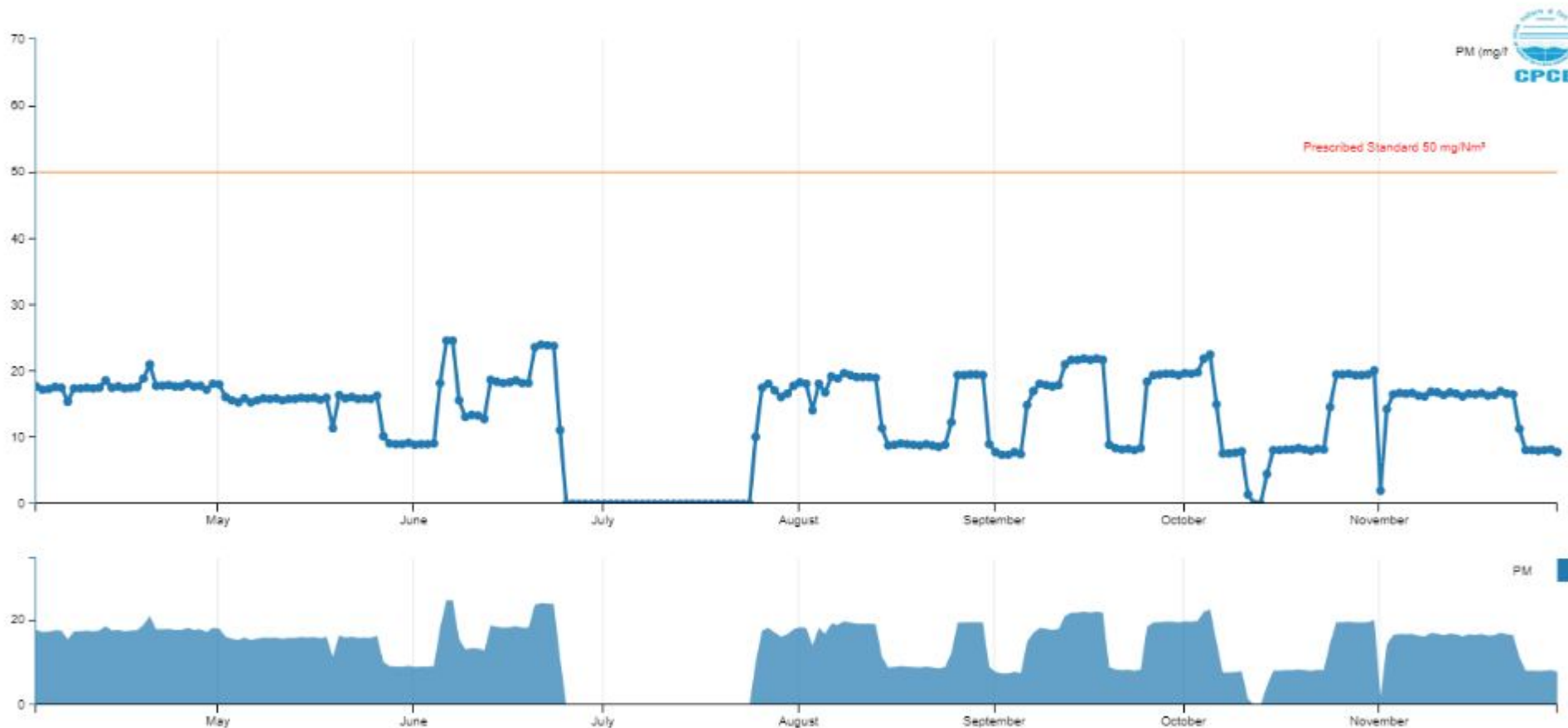
ORISSA METALIKS PRIVATE LIMITED UNIT-II (Previously Known as  
Rashmi Metaliks Limited) 08WB251\_Stack-5\_Pellet\_Plant\_ID\_V

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

Start Date - 2023-04-01

End Date - 2024-09-30

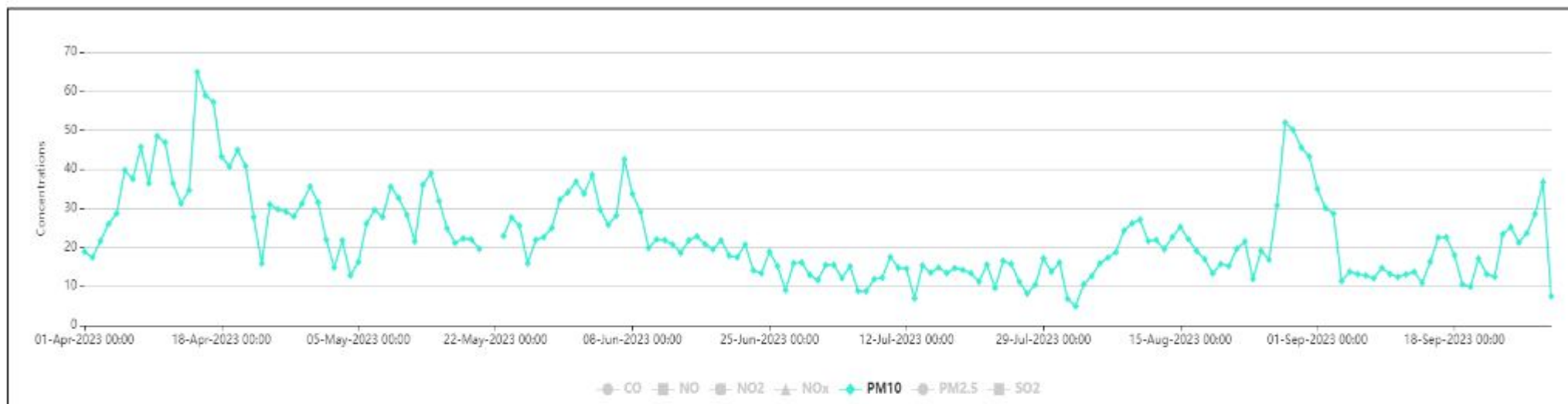
Average - daily



## CAAQMS DATA (APRIL 2023 to SEPTEMBER 2023)

**Location : Kalyanpur Village**

**Parameters : PM 10**



**Location : Kalyanpur Village**

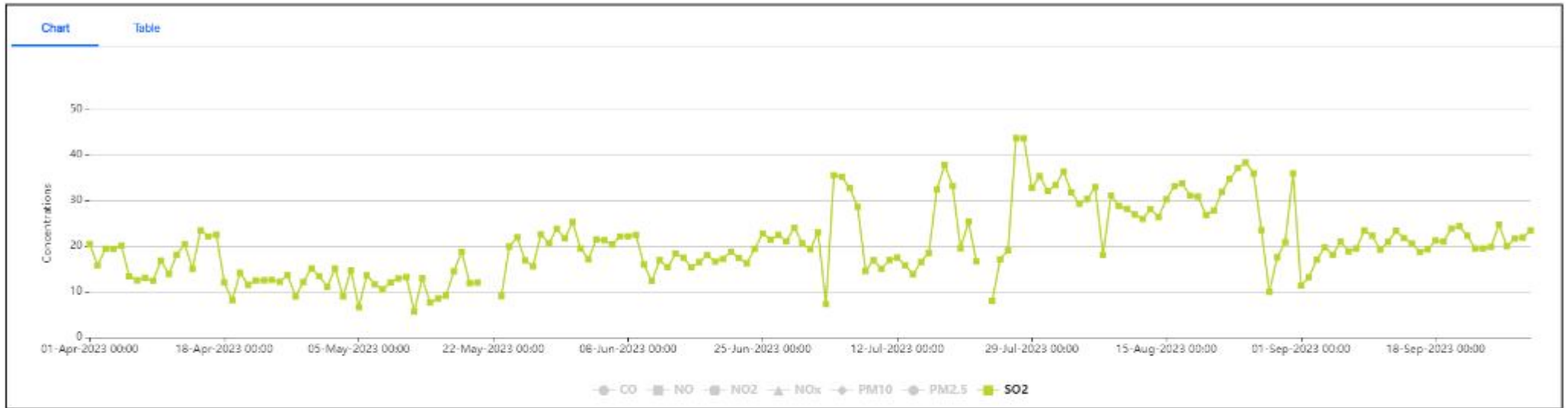
**Parameters : PM 2.5**



## CAAQMS DATA (APRIL 2023 to SEPTEMBER 2023)

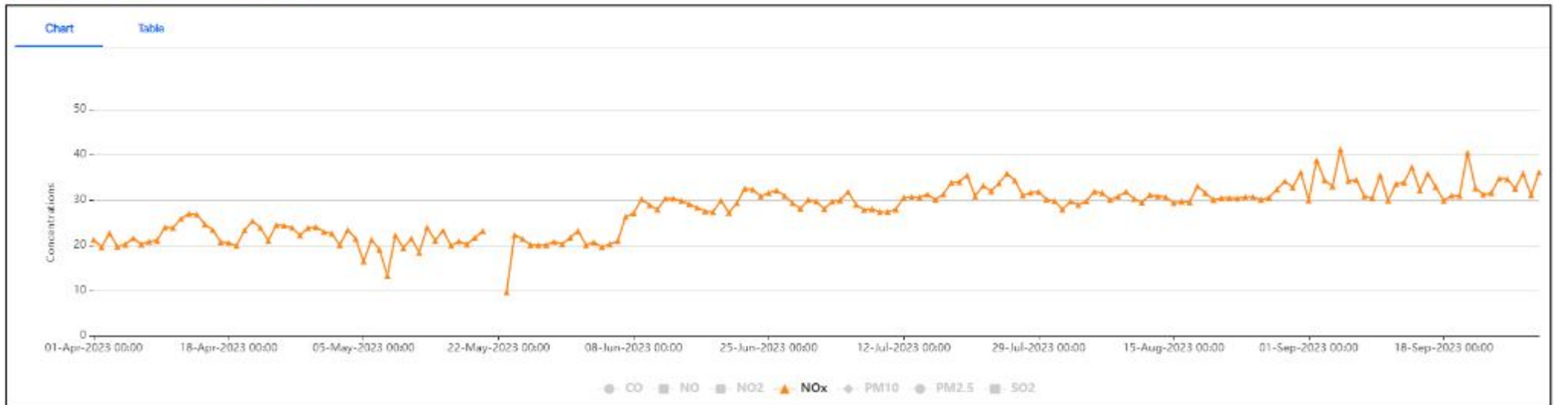
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**Parameters** : SO<sub>2</sub>



**Location** : Kalyanpur Village

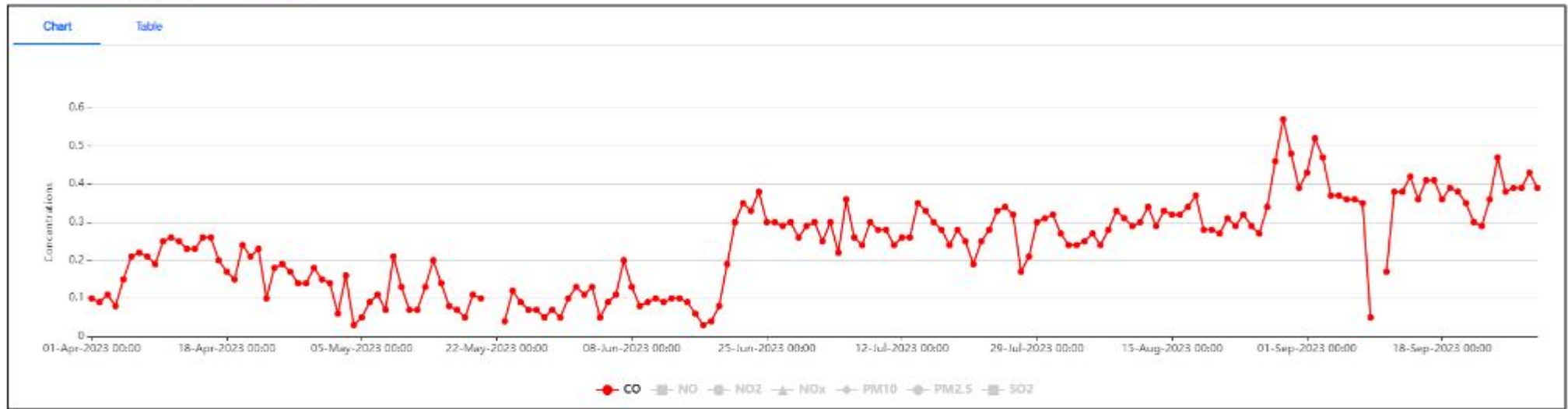
**Parameters** : NO<sub>x</sub>



# CAAQMS DATA (APRIL 2023 to SEPTEMBER 2023)

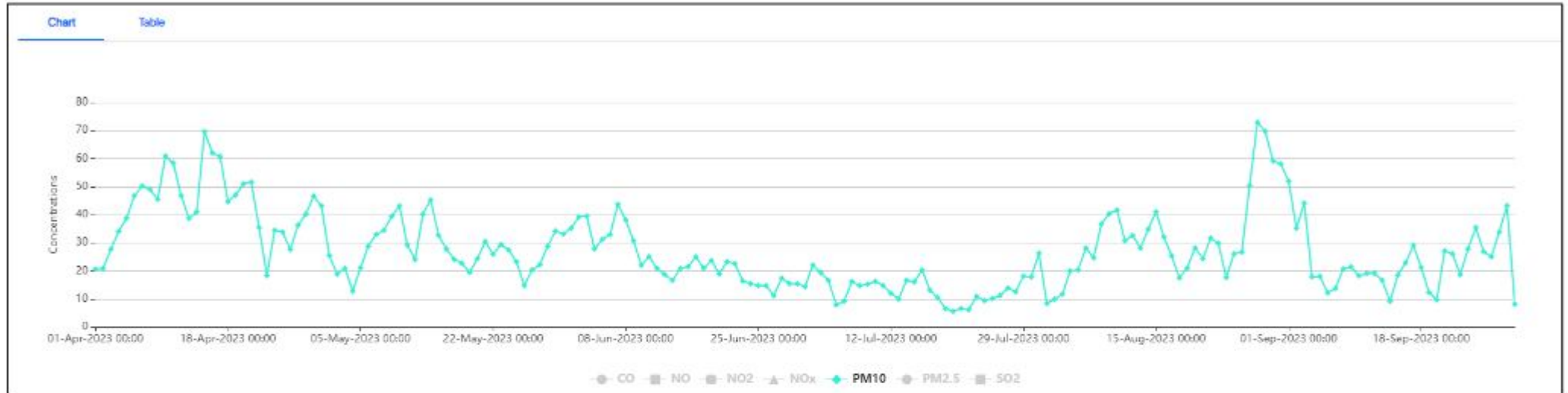
**Location** : Kalyanpur Village

**Parameters** : CO

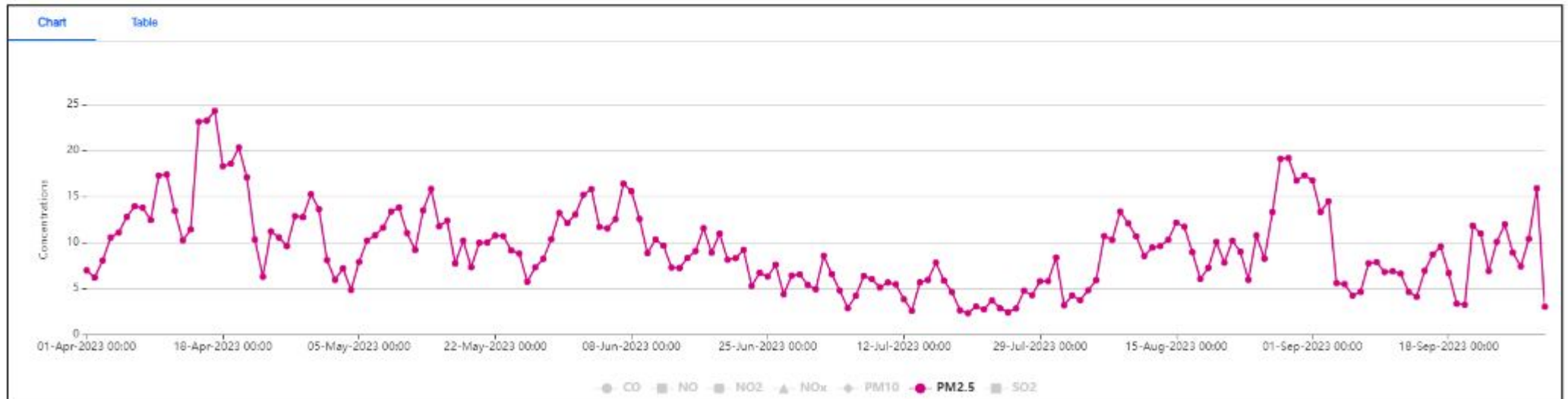


# CAAQMS DATA (APRIL 2023 to SEPTEMBER 2023)

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

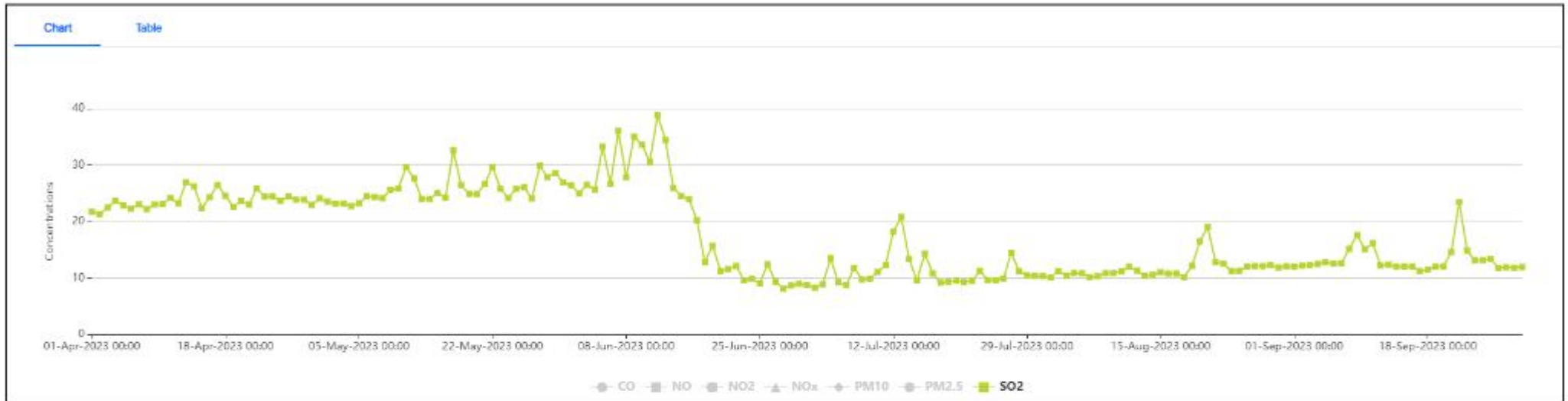


**Location : Panchrulia Station**  
**Parameters : PM 2.5**

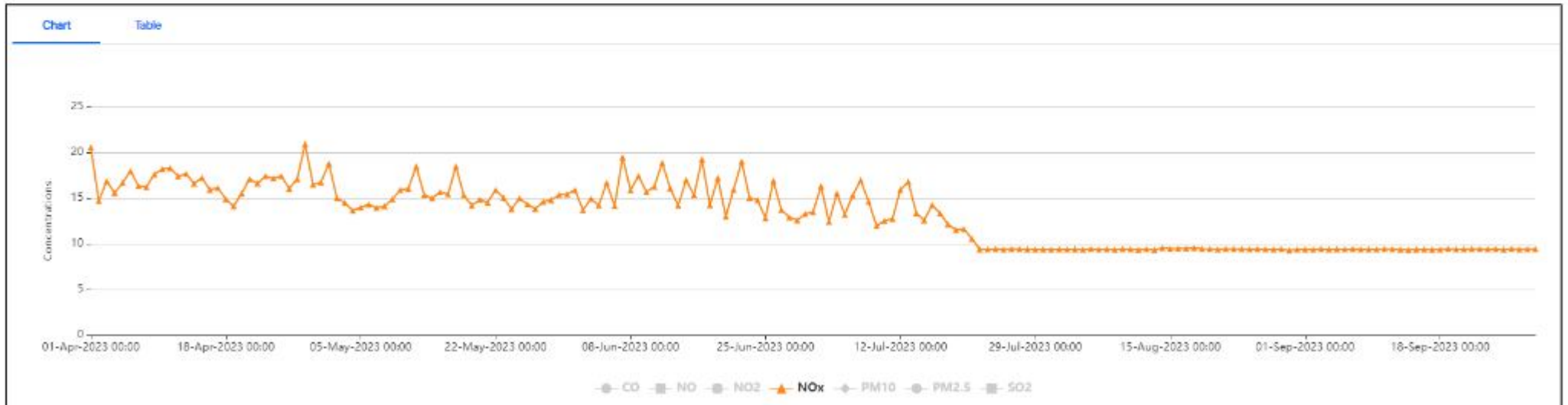


# CAAQMS DATA (APRIL 2023 to SEPTEMBER 2023)

**Location : Panchrulia Station**  
**Parameters : SO<sub>2</sub>**

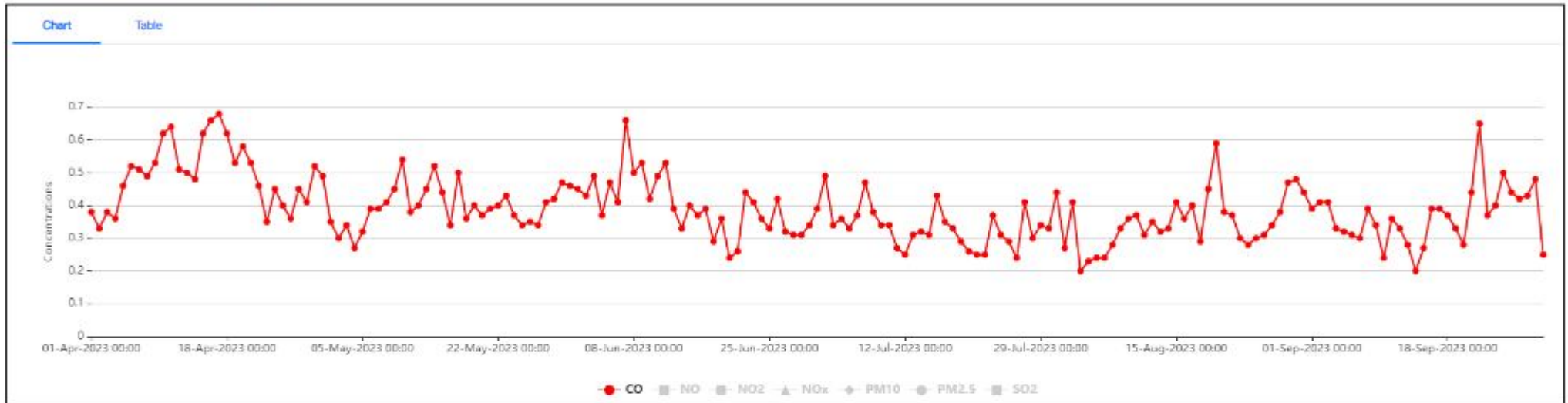


**Location : Panchrulia Station**  
**Parameters : NO<sub>x</sub>**



# CAAQMS DATA (APRIL 2023 to SEPTEMBER 2023)

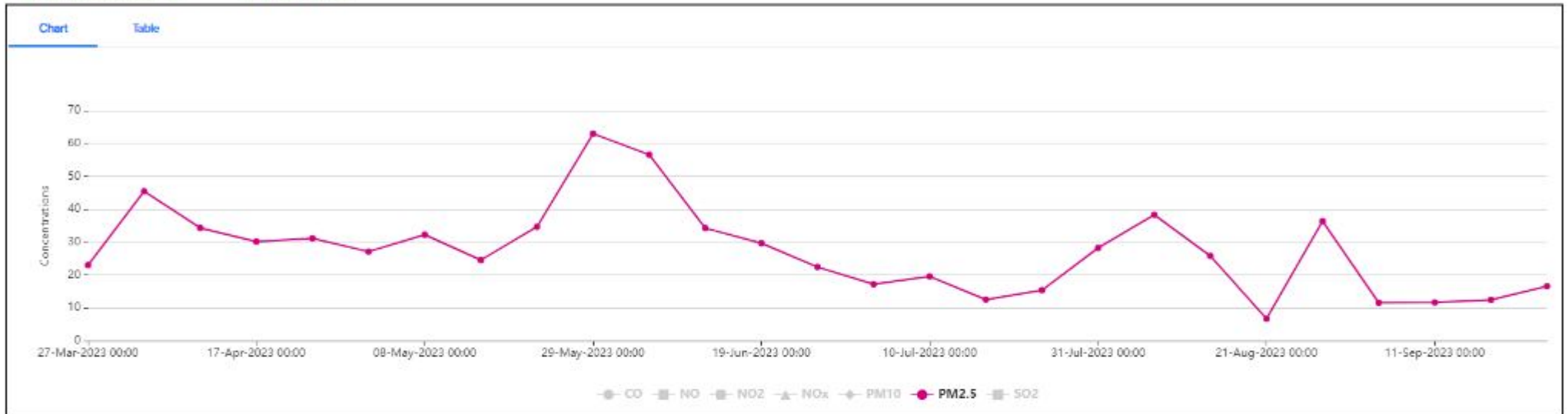
**Location** : Panchrulia Station  
**Parameters** : CO



# CAAQMS DATA (APRIL 2023 to SEPTEMBER 2023)

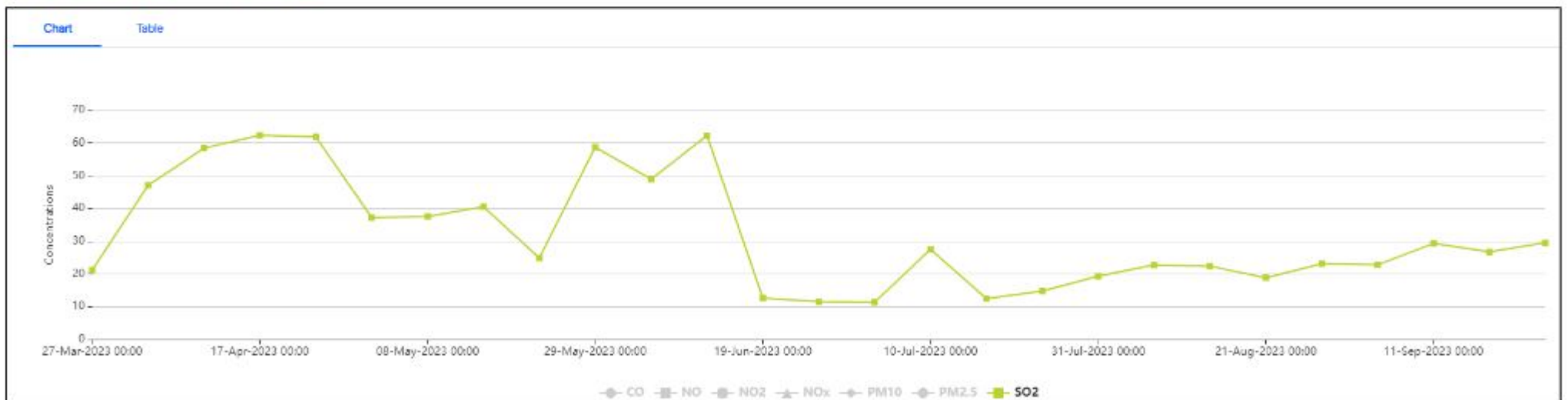
**Location : Barkola Station**

**Parameters : PM 2.5**



**Location : Barkola Station**

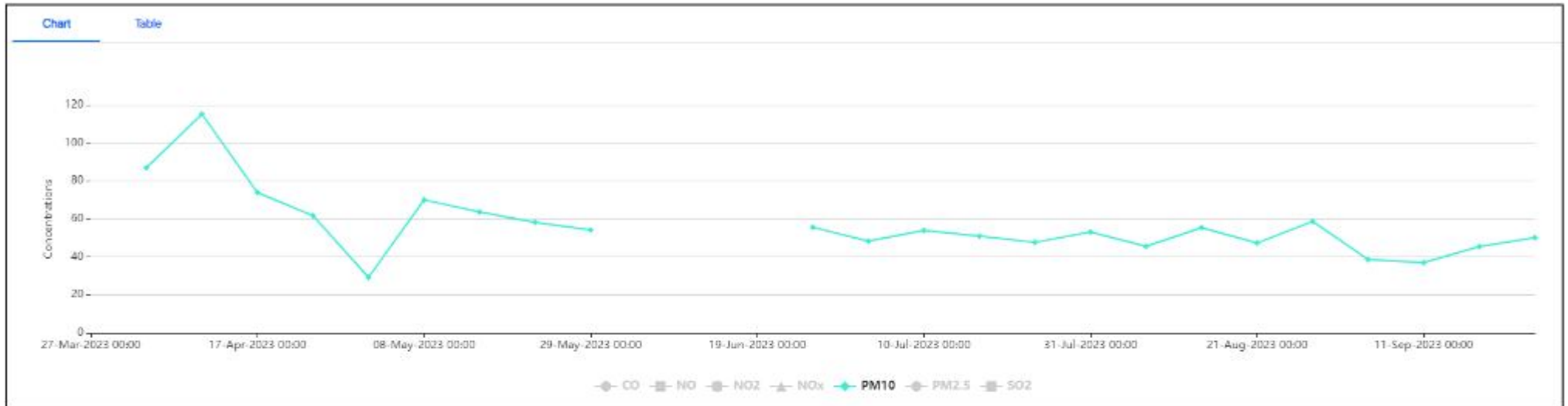
**Parameters : SO2**



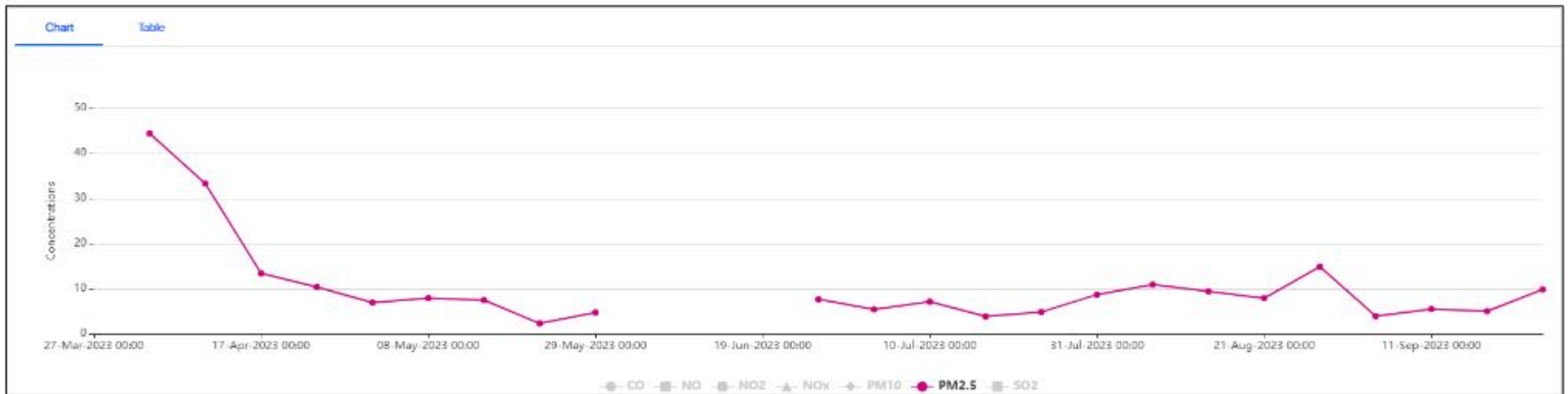


# CAAQMS DATA (APRIL 2023 to SEPTEMBER 2023)

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



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

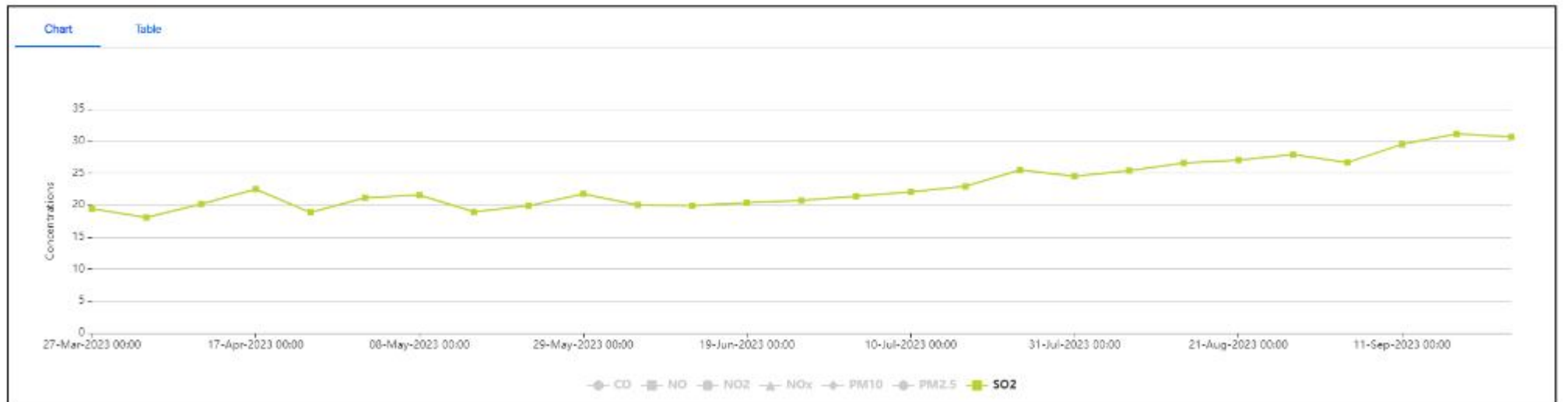


# CAAQMS DATA (APRIL 2023 to SEPTEMBER 2023)

**Location** : Rajogram Station  
**Parameters** : CO



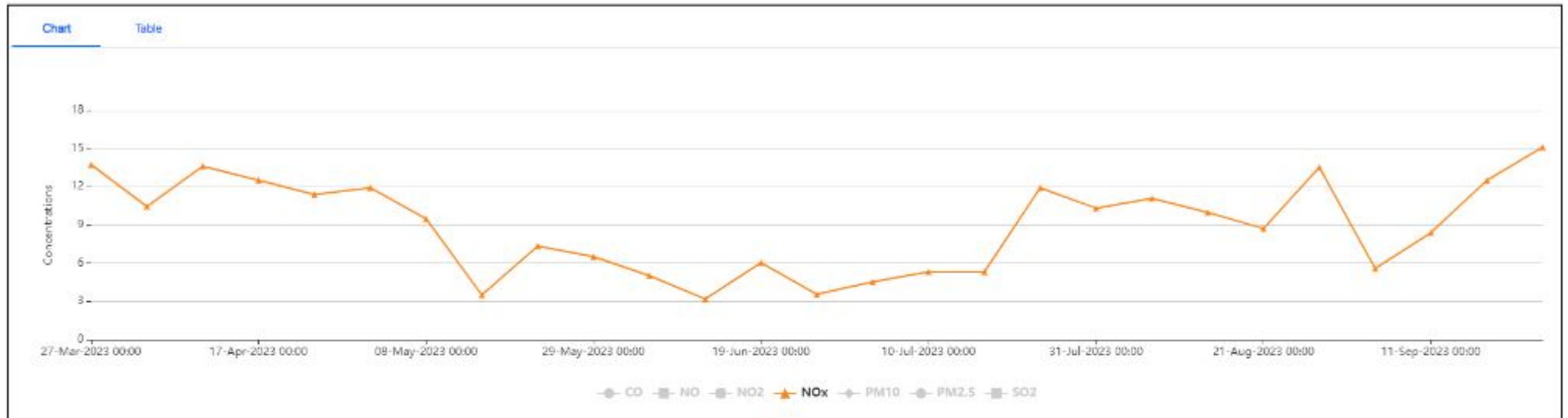
**Location** : Rajogram Station  
**Parameters** : SO2



# CAAQMS DATA (APRIL 2023 to SEPTEMBER 2023)

**Location : Rajogram Station**

**Parameters : NOx**





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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. : TC1100323000000442F

Report No. : GV/AR/23-24/231  
Name of Customer : M/s. Orissa Metaliks Pvt. Ltd. (Unit-II)  
Address of Customer : Mouza : Dekia & Chaksonadhar, Kharagpur,  
Dist. : Paschim Medinipur, Pin : 721301, W.B.  
Sample Description : Ambient Air  
Sampling Location : Gokulpur 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-157-2023(1)  
Report Date : 05.10.2023  
Date of Sampling : 20.09.2023 to  
21.09.2023  
Date of Receiving : 22.09.2023  
Analysis Started On : 23.09.2023  
Analysis Completed On : 25.09.2023  
Time of Sampling : 08:10 am to  
08:10 am

### A. METROLOGICAL INFORMATION

Average Temperature (°C) : 29.2  
Average Relative Humidity (%) : 72.0  
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>	65.93	IS : 5182 (Part 23),2006
02.	Concentration of PM <sub>2.5</sub>	µg/m <sup>3</sup>	34.16	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>	32.22	IS : 5182 (Part 6),2006
05.	Concentration of CO	mg/m <sup>3</sup>	0.195	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

## TEST REPORT OF AMBIENT AIR ANALYSIS

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

Sample is drawn by M/s. Greenvision

Report No. : GV/AR/23-24/232  
Name of Customer : M/s. Orissa Metaliks Pvt. Ltd. (Unit-II)  
Address of Customer : Mouza : Dekia & Chaksonadhar, Kharagpur,  
Dist. : Paschim Medinipur, Pin : 721301, W.B.  
Sample Description : Ambient Air  
Sampling Location : Shyamraipur Village  
Sample Condition : In GMF Filter Paper & Plastic Bottle  
Location of Testing : At Laboratory  
Sampling Method : CPCB, Emission Regulation (Part III)

U.L.R. No. : TC1100323000000443F

Sample Ref. ID : AS-157-2023(2)  
Report Date : 05.10.2023  
Date of Sampling : 20.09.2023 to  
21.09.2023  
Date of Receiving : 22.09.2023  
Analysis Started On : 23.09.2023  
Analysis Completed On : 25.09.2023  
Time of Sampling : 08:50 am to  
08:50 am

### A. METROLOGICAL INFORMATION

Average Temperature (°C) : 29.2  
Average Relative Humidity (%) : 72.0  
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>	69.18	IS : 5182 (Part 23),2006
02.	Concentration of PM <sub>2.5</sub>	µg/m <sup>3</sup>	35.83	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>	31.62	IS : 5182 (Part 6),2006
05.	Concentration of CO	mg/m <sup>3</sup>	0.178	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 AMBIENT AIR ANALYSIS

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

Sample is drawn by M/s. Greenvision	U.L.R. No. : TC110032300000444F
Report No. : GV/AR/23-24/233	Sample Ref. ID : AS-157-2023(3)
Name of Customer : M/s. Orissa Metaliks Pvt. Ltd. (Unit-II)	Report Date : 05.10.2023
Address of Customer : Mouza : Dekia & Chaksonadhar, Kharagpur, Dist. : Paschim Medinipur, Pin : 721301, W.B.	Date of Sampling : 20.09.2023 to 21.09.2023
Sample Description : Ambient Air	Date of Receiving : 22.09.2023
Sampling Location : Near Plant Main Gate	Analysis Started On : 23.09.2023
Sample Condition : In GMF Filter Paper & Plastic Bottle	Analysis Completed On : 25.09.2023
Location of Testing : At Laboratory	Time of Sampling : 09:40 am to 09:40 am
Sampling Method : CPCB, Emission Regulation (Part III)	

### A. METROLOGICAL INFORMATION

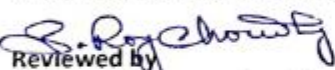
Average Temperature (°C)	: 29.2
Average Relative Humidity (%)	: 72.0
Barometric Pressure (mm of Hg)	: 756.0
Smell or Odour	: No Remarkable Smell
Weather Condition	: Clear Sky

### B. RESULT OF ANALYSIS

Sl. No.	Parameters	Unit	Concentration	Test Method
01.	Concentration of PM <sub>10</sub>	µg/m <sup>3</sup>	76.57	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>	9.52	IS : 5182 (Part 2),2006
04.	Concentration of NO <sub>2</sub>	µg/m <sup>3</sup>	34.44	IS : 5182 (Part 6),2006
05.	Concentration of CO	mg/m <sup>3</sup>	0.283	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. : TC1100323000000446F

Report No. : GV/AR/23-24/235  
 Name of Customer : M/s. Orissa Metaliks Pvt. Ltd. (Unit-II)  
 Address of Customer : Mouza : Dekia & Chaksonadhar, Kharagpur,  
 Dist. : Paschim Medinipur, Pin : 721301, W.B.  
 Sample Description : Fugitive Air  
 Sampling Location : Pellet Plant Area III & IV  
 Sample Condition : In GMF Filter Paper & Plastic Bottle  
 Location of Testing : At Laboratory  
 Sampling Method : CPCB, Emission Regulation (Part III)

Sample Ref. ID : AS-157-2023(5)  
 Report Date : 05.10.2023  
 Date of Sampling : 20.09.2023 to  
 21.09.2023  
 Date of Receiving : 22.09.2023  
 Analysis Started On : 23.09.2023  
 Analysis Completed On : 25.09.2023  
 Time of Sampling : 06:25 pm to  
 02:25 am

### A. METROLOGICAL INFORMATION

Average Temperature ( $^{\circ}\text{C}$ ) : 26.0  
 Barometric Pressure (mm of Hg) : 756.0

### B. RESULT OF ANALYSIS

Sl. No.	Parameters	Unit	Concentration	Test Method
01.	Concentration of TSPM	$\mu\text{g}/\text{m}^3$	441.33	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 $\text{NO}_2$	$\mu\text{g}/\text{m}^3$	32.01	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

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 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. : TC1100323000000448F

Report No. : GV/AR/23-24/237

Sample Ref. ID : AS-157-2023(7)

Name of Customer : M/s. Orissa Metaliks Pvt. Ltd. (Unit-II)

Report Date : 05.10.2023

Address of Customer : Mouza : Dekia & Chaksonadhar, Kharagpur,  
Dist. : Paschim Medinipur, Pin : 721301, W.B.

Date of Sampling : 21.09.2023

Date of Receiving : 22.09.2023

Sample Description : Fugitive Air

Analysis Started On : 23.09.2023

Analysis Completed On : 25.09.2023

Sampling Location : Railway Siding

Time of Sampling : 09:30 am to

05:30 pm

Sample Condition : In GMF Filter Paper & Plastic Bottle

Location of Testing : At Laboratory

Sampling Method : CPCB, Emission Regulation (Part III)

### A. METROLOGICAL INFORMATION

Average Temperature (°C) : 29.0

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>	537.15	IS : 5182 (Part 4),1999
02.	Concentration of SO <sub>2</sub>	µg/m <sup>3</sup>	8.79	IS : 5182 (Part 2),2006
03.	Concentration of NO <sub>2</sub>	µg/m <sup>3</sup>	33.83	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  
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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

Report No. : GV/AR/23-24/239  
Name of Customer : M/s. Orissa Metaliks Pvt. Ltd. (Unit-II)  
Address of Customer : Mouza : Dekia & Chaksonadhar, Kharagpur,  
Dist. : Paschim Medinipur, Pin : 721301, W.B.  
Sample Description : Fugitive Air  
Sampling Location : Product House Area  
Sample Condition : In GMF Filter Paper & Plastic Bottle  
Location of Testing : At Laboratory  
Sampling Method : CPCB, Emission Regulation (Part III)

U.L.R. No. : TC1100323000000450F

Sample Ref. ID : AS-157-2023(9)  
Report Date : 05.10.2023  
Date of Sampling : 21.09.2023  
Date of Receiving : 22.09.2023  
Analysis Started On : 23.09.2023  
Analysis Completed On : 25.09.2023  
Time of Sampling : 11:05 am to  
07:05 pm

### A. METROLOGICAL INFORMATION

Average Temperature (°C) : 29.0  
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>	306.42	IS : 5182 (Part 4),1999
02.	Concentration of SO <sub>2</sub>	µg/m <sup>3</sup>	6.59	IS : 5182 (Part 2),2006
03.	Concentration of NO <sub>2</sub>	µg/m <sup>3</sup>	30.62	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

  
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For, GREEN VISION

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## TEST REPORT OF WATER ANALYSIS

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

Sample is drawn by M/s. Greenvision

Sample submitted and identified by customer as : N.A.

U.L.R. No. : TC1100323000000457F

Report No. : GV/WW/23-24/125

Sample Ref. ID : WS-111-2023(1)

Name of Customer : M/s. Orissa Metaliks Pvt. Ltd. (Unit-II)

Report Date : 05.10.2023

Address of Customer : Mouza : Dekia & Chaksonadhar, Kharagpur,  
Dist. : Paschim Medinipur, Pin : 721301, W.B.

Date of Sampling : 21.09.2023

Sample Description : Waste Water

Date of Receiving : 22.09.2023

Sampling Location : STP Outlet

Analysis Started on : 23.09.2023

Sample Condition : In Glass Bottle & Plastic Bottle

Analysis Completed on : 28.09.2023

Type of Sample : Industrial Waste Water

Time of Sampling : 03:30 pm

Testing Location : At Laboratory

Sampling & Preservation Method : APHA 24<sup>th</sup> EDITION, 1060

PARAMETERS	TEST METHOD	UNIT	RESULTS
pH	APHA 24 <sup>th</sup> EDITION, 4500-H+B	---	6.72
Total Suspended Solid(TSS)	APHA 24 <sup>th</sup> EDITION, 2540 D	mg/l	19.4
Chemical Oxygen Demand (COD)	APHA 24 <sup>th</sup> EDITION, 5220 B	mg/l	67.2
Biochemical Oxygen Demand (BOD)	IS:3025, P-44, 1993, Reaffirmed 2014	mg/l	10.3
Oil & Grease	APHA 24 <sup>th</sup> EDITION, 5520 A	mg/l	2.9

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

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

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## TEST REPORT OF WATER ANALYSIS

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

Sample is drawn by M/s. Greenvision

Sample submitted and identified by customer as : N.A.

U.L.R. No. : TC1100323000000458F

Report No. : GV/WW/23-24/126

Sample Ref. ID : WS-111-2023(2)

Name of Customer : M/s. Orissa Metaliks Pvt. Ltd. (Unit-II)

Report Date : 05.10.2023

Address of Customer : Mouza : Dekia & Chaksonadhar, Kharagpur,  
Dist. : Paschim Medinipur, Pin : 721301, W.B.

Date of Sampling : 21.09.2023

Sample Description : Waste Water

Date of Receiving : 22.09.2023

Sampling Location : ETP Inlet

Analysis Started on : 23.09.2023

Sample Condition : In Glass Bottle & Plastic Bottle

Analysis Completed on : 28.09.2023

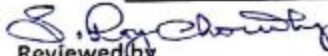
Type of Sample : Industrial Waste Water

Time of Sampling : 04:15 pm

Testing Location : At Laboratory

Sampling & Preservation Method : APHA 24<sup>th</sup> EDITION, 1060

PARAMETERS	TEST METHOD	UNIT	RESULTS
pH	APHA 24 <sup>th</sup> EDITION, 4500-H+B	---	7.83
Total Suspended Solid(TSS)	APHA 24 <sup>th</sup> EDITION, 2540 D	mg/l	92.0
Chemical Oxygen Demand (COD)	APHA 24 <sup>th</sup> EDITION, 5220 B	mg/l	106.92
Biochemical Oxygen Demand (BOD)	IS:3025, P-44, 1993, Reaffirmed 2014	mg/l	15.5
Oil & Grease	APHA 24 <sup>th</sup> EDITION, 5520 A	mg/l	4.02

  
Reviewed by  
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Page 1/1

End of the report.....

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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 WATER ANALYSIS

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

Sample is drawn by M/s. Greenvision

Sample submitted and identified by customer as : N.A.

U.L.R. No. : TC1100323000000459F

Report No. : GV/WW/23-24/127

Sample Ref. ID : WS-111-2023(3)

Name of Customer : M/s. Orissa Metaliks Pvt. Ltd. (Unit-II)

Report Date : 05.10.2023

Address of Customer : Mouza : Dekia & Chaksonadhar, Kharagpur,  
Dist. : Paschim Medinipur, Pin : 721301, W.B.

Date of Sampling : 21.09.2023

Sample Description : Waste Water

Date of Receiving : 22.09.2023

Sampling Location : ETP Outlet

Analysis Started on : 23.09.2023

Sample Condition : In Glass Bottle & Plastic Bottle

Analysis Completed on : 28.09.2023

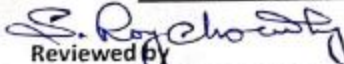
Type of Sample : Industrial Waste Water

Time of Sampling : 04:30 pm

Testing Location : At Laboratory

Sampling & Preservation Method : APHA 24<sup>th</sup> EDITION, 1060

PARAMETERS	TEST METHOD	UNIT	RESULTS
pH	APHA 24 <sup>th</sup> EDITION, 4500-H+B	---	7.47
Total Suspended Solid(TSS)	APHA 24 <sup>th</sup> EDITION, 2540 D	mg/l	24.6
Chemical Oxygen Demand (COD)	APHA 24 <sup>th</sup> EDITION, 5220 B	mg/l	58.04
Biochemical Oxygen Demand (BOD)	IS:3025, P-44, 1993, Reaffirmed 2014	mg/l	9.2
Oil & Grease	APHA 24 <sup>th</sup> EDITION, 5520 A	mg/l	2.8

  
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 is 1 month from the date of issue test report unless otherwise specified.

Page 1/1

End of the report.....

City Office : 84/10, Roy Bahadur Road, Behala, Kolkata-700 034, Ph. : 9433158173

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 WATER ANALYSIS

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

U.L.R. No. : TC110032300000460F

Sample is drawn by	: Mr. Uttam Kr. Sil, Field Sampler	Laboratory Ref. No.	: DS-010-2023
Sample identification	: Nil	Report Date	: 05.10.2023
Report No.	: GV/DW/OMP/23-24/008	Date of Sampling	: 21.09.2023
Issued To	: M/s. Orissa Metaliks Pvt. Ltd. (Unit-II)		
Address	: Mouza : Dekia & Chaksonadhar, Kharagpur, Dist. : Paschim Medinipur, Pin : 721301, W.B.		
Sample Condition	: In Glass Bottle & Plastic Bottle	Sample Received on	: 22.09.2023
Sample Description	: Drinking Water	Analysis Started on	: 23.09.2023
Sampling Method	: APHA 24 <sup>th</sup> EDITION, 1060	Analysis Completed	: 29.09.2023
Location	: Tap Near Iron Ore Beneficiary Area	Time of Sampling	: 04:30 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.	0.52	1	5	2130 B
6.	Conductivity	µS/cm	318.0	-	-	2510 B
7.	Total Dissolved Solid (TDS)	mg/L	230.0	500	2000	2540 C
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	128.0	200	600	2340 C
9.	Chloride as Cl	mg/L	22.18	250	1000	4500Cl <sup>-</sup> B
10.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	69.0	200	600	2320 B
11.	Sulfate as SO <sub>4</sub>	mg/L	28.0	200	400	4500 SO <sub>4</sub> <sup>2-</sup> E
12.	Nitrate as NO <sub>3</sub> <sup>-</sup>	mg/L	3.2	45.0	No Relaxation	4500 NO <sub>3</sub> <sup>-</sup>



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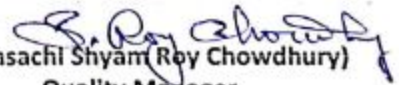


TC-11003

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

13.	Fluoride as F	mg/L	< 0.2	1	1.5	4500 FD
14.	Calcium as Ca	mg/L	31.26	75	200	3500- Ca B
15.	Magnesium as Mg	mg/L	12.15	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-CI 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  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager

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

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# ANNEXURE-VII

## FORMAT FOR PROVIDING PARTICULARS ON GREEN BELT/PLANTATION UNDER E (P) ACT 1986

1 a)	Name of the Project :	<p>M/s Orissa Metaliks Private Limited (II)-</p> <ul style="list-style-type: none"> <li>Proposed Iron ore beneficiation/wet grinding plant (matching with pellet capacity), Pellet Plant (2.2 MTPA), Producer gas Plant (480 TPD or 75000 Nm<sup>3</sup>/Hr) and Coke oven Plant (0.225 MTPA) along with 15 MW WHRB based Captive Power Plant.</li> <li>Expansion of Steel Plant (0.5 MTPA MBF and SMS) by adding Matching beneficiation cum Pellet plant to produce 2.2 MTPA (2 x 1.1 MTPA) with producer gas plant (75000 Nm<sup>3</sup>/Hr)</li> <li>Mini Blast Furnace (1 x 320m<sup>3</sup>)-4,50,000 TPA with matching PCM and 200 TPD Oxygen Plant.</li> </ul>
1 b)	Environment Clearance Nos. :	<ul style="list-style-type: none"> <li>F. NO. – J-11011/182/2012-IA II (I) DATED: 24<sup>TH</sup> FEBRUARY, 2015; MEMO NO. 264-2N-29/2019(E)-PT dated 23<sup>RD</sup> AUGUST, 2020 AND MEMO NO. 131-2N-29/2019(E)-PT dated 16<sup>TH</sup> MARCH 2022.</li> <li>F. NO. – J-11011/604/2010-IA II(I), DATED 1<sup>ST</sup> JUNE ,2012,4<sup>TH</sup> JANUARY ,2017 &amp; 2<sup>ND</sup> JUNE ,2017, MEMO NO. 264-2N-29/2019(E)-PT dated 23<sup>RD</sup> AUGUST, 2020 AND MEMO NO. 131-2N-29/2019(E)-PT dated 16<sup>TH</sup> MARCH 2022.</li> <li>F.NO. – J-11011/229/2007-IA II (I) DATED 07.07.2021 AND MEMO NO. 131-2N-29/2019(E)-PT dated 16<sup>TH</sup> MARCH 2022.</li> </ul>
2	Location, Block/ Sub. Divn. / Dist/ State:	Mouja- Dhekia, Khidipur& Sujatpur, at Village - Gokulpur, Tehsil – Kharagpur, District - Paschim Medinipur, West Bengal
3	Address for communication :	1, Grastin Place, Orbit House, 3 <sup>rd</sup> Floor, Room No - 3B Kolkata – 700 001(WB)
4	<b>Existing vegetation in the area/ region</b>	Vacant Land
	a) Species ( trees/shrubs/grasses/climbers)	Not Applicable
	b) Major prevalent species of each type	Not Applicable
5	<b>Land coverage by the project</b>	
	a) Total area under the project	70.0 Acres
	b) Area covered for basic infrastructure (roads/building/factory etc.)	46.57 Acres
6	<b>Details about natural vegetation</b>	Vacant Land
	a) Name and number of tree/ species felled	Not Applicable
	b) Name and number of plant species still available in the area	Not Applicable
	c) By protecting the area will indigenous stock come up	Not Applicable
	d) Extent of greenbelt developed	23.43 Acres (33%)
7	<b>Plantations required to be carried out as per</b>	
	a) Conditions of Environmental Clearance in ha./ Nos.	23.80 Acres (34%)
	b) Conditions for Forest act ( c ) clearance in ha./ Nos.	Not Applicable



	c	Voluntarily in no. for green belt development in nearby area (Oct. 2022-March 2023)	Nil															
8	a	<b>Details of plantations</b>																
		Plantation details (category wise & methodology used)	Year of plantation  2023-2024(October-March)	Species Planted		Quantity												
				MALAYASIAN SAL		20												
				KRISHNACHURA		25												
				NEEM		10												
				MEHAGUNI		15												
				AKASMONI		15												
				SONAJHURI		10												
				PUTRANJIBA		30												
				KELENDRA		10												
GULMOHOR				20														
CHHATIM		20																
RADHACHURA		20																
Survival of plantation		Before 2019	2019-2021	2021-2022	2022-2023	2023-2024												
- Total Seedling/ Plantation (No.)		14250	20,000	3,000	8558	200												
- Survival Trees (No ) as on date from date of EC		7825	17,400	2,640	7,581	178												
- Survival		55%	87%	88%	89%	89%												
9	<b>Agency carrying out plantation and maintenance</b>		Our own horticulture department & third party															
10	<b>Financial details (year wise) plantation wise and item wise</b>		<table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Year</th> <th>Funds allocated (Rupees)</th> <th colspan="3">Expenditure made including voluntarily tree plantation cost (Rupees)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2023 - 24</td> <td>90,000</td> <td colspan="3">--</td> </tr> </tbody> </table>				Sl. No.	Year	Funds allocated (Rupees)	Expenditure made including voluntarily tree plantation cost (Rupees)			1	2023 - 24	90,000	--		
Sl. No.	Year	Funds allocated (Rupees)	Expenditure made including voluntarily tree plantation cost (Rupees)															
1	2023 - 24	90,000	--															





# ANNEXURE-VIII

**FORM NO. 17**

**HEALTH**

1. Serial No. in the Register of adult worker: 21904  
 2. Name of worker: SRIDHAR ADHIKARI  
 3. Sex: MALE

[ Prescribed under Rules 63 & 64 of the West Bengal Factories Rules 1950 ]

Department/Trade	Name of Executive Officer	Designation of Executive Officer	Place of birth of worker	Age (years) of worker at the date of registration	Date of registration	Height of worker (in feet and inches)	Weight of worker (in lbs)	Reason for absence of worker	Signature of the Executive Officer
Electrician			Howrah		04-19				
Electrician			Howrah		04-19				

**REGISTER**

As amended vide Notification No. 1183 E.O. TR. 191 dated 27th Nov. 1981  
 4. Date of birth: 05-07-1980  
 5. Medical examination and the results thereof

If detained unfit for work

Place of work	Shift	Amount of Compensation payable to the worker	Reason for absence	Date of absence	Date of return to work	Signature with Seal of the Factory Medical Officer or Licensing Officer
BF 135/95 work shop 38	fit					DR. B. C. SARKAR M.B.B.S. D.P.M.C. Sr. Medical Officer B.P. 2000
ADD - TO WPT. 507-2414						
GROUP - B (HSE)						
FFS - PFR - 550:1M						
DES - 420 L/100						
58.6.14						
BF-124/88 of 2-30/100	fit					DR. B. C. SARKAR M.B.B.S. D.P.M.C. Sr. Medical Officer B.P. 2000
CON - 10/1000 W-10/100						
W-10/1000 PFR - 550:1M						
DES - 420 L/100						

1. Separate page should be maintained for individual worker.  
 2. These entries should be made for each examination.

FORM NO. 17

**HEALTH**

1. Serial No. in the Register of adult worker: 3189R [ Prescribed under Rules 63 & 64 of the West Bengal Factories Rules 1950 ]

2. Name of worker: TRIKASH BANA

3. Sex: Male

Department	Name of Machine	Department	Registration No.	Date of last examination	Result of last examination	Remarks
Paint - 6 Mechanical		192	192	01-12-77		
Paint - 5 Mechanical		177	177	01-12-77		

**REGISTER**

As amended vide Notification No. 183-LW-38-591 dated 27th Nov. 1991

4. Date of birth: 15-07-1925

5. Medical examination and the results thereof

If declared unfit for work

Name of work	Dept.	Period of absence	Reason for work	Date of absence	Date of return	Signature with date of the Medical Officer in Charge
BP-115 Blowing Room 25	OT					
BP-95 wash, Comp. A (2nd)						
WT-6142, FCY-1012-51212						
282-422-114 BEC 614						
BP-150/20-114 2-21-11						
BP-20-114 2-21-11 (A 11)						
WT-Comp. FCY-1012-51212	FT					
182-422-114 BEC 614						

Note: - Separate page should be maintained for individual worker.  
2. First copy should be kept for each worker.

FORM NO. 17

HEALTH

1. Serial No. in the Register of such workers: 212617  
 2. Name of worker: JAMES HANKER, BARKIN  
 3. Sex: Male

[ Prescribed under Rules 63 & 64 of the West Bengal Factories Rules 1950 ]

Occupation/Trade	Name of Employer/Factory	Distance from residence	Name of the establishment	Age at which employed or to which first employed	Date of joining	Date of leaving	Reason for leaving (Specify correct code)	Notes and conditions observed during examination
1	2	3	4	5	6	7	8	9
4000-10 Barkin			SR. Manager		17-4-19			
4000-10 Barkin			SR. Manager		17-06-19			

REGISTER

No.

as amended vide Notification No. 1043-LW-18-1/91 dated 27th Nov. 1991  
 4. Date of birth: 07-09-1922  
 5. Medical examination and the results thereof

If declared unfit for work

Name of the worker	Age	Period of exposure to dust	Period for which notified	Date of joining and for the work	Date of leaving	Remarks with date of the latest medical certificate for continuing register
10	11	12	13	14	15	16
BP-100705 W.B. 6509 Dust P. 6 (1950) PFR-51014 REF-150100 6/6 6/6	fit					Dr. M. K. Saha M.D. (Gen. Med.) 10, 67th St., Beliaghata Calcutta-700010
BP-154180-190 W.B. 6509 - 190-191-192 193-194-195-196-197-198 199-200-201-202-203-204 205-206-207-208-209	fit					Dr. M. K. Saha M.D. (Gen. Med.) 10, 67th St., Beliaghata Calcutta-700010

1. Entries should be made for individual workers.  
 2. First entry should be made for each worker.

FORM NO. 17

HEALTH

1. Serial No. in the Register of such worker: 33650  
 2. Name of worker: JYANTHA KUMAR SANKU  
 3. Sex: MALE

[ Prescribed under Rules 63 & 64 of the West Bengal Factories Rules 1950 ]

Department/Trade	Name of the person in charge	Position/Designation	Address of the person in charge	Age at the time of appointment	Date of joining	Date of leaving	Reason for leaving	Age and condition at the time of leaving
Electrical			Fit		03-11-21			
Electrical			Fit		01-11-21			

Note: - 1. Report and result to be submitted to nearest Health Officer.  
 2. First visit should be made by Health Officer.

REGISTER

No.

as amended vide Notification No. 1113-LW-18-191 dated 23rd Nov. 1991

4. Date of birth: 07-03-1994

5. Medical examination and the results thereof

If declared unfit for work

Name of the worker	Age	Period of employment	Reason for not working	Date of leaving for good	Date of being declared fit	Signature of the person in charge of the factory
BP-100/85 mmHg, Pulse 95 RMS Normal, Green Blue Wt-68kg, Ht-165cm PRE-30/10/21	27		Fit			<i>David</i> DR. P. N. SARKAR MBBS, DNB F. M. S. (Gen. Med.) 1977-78
BP-100/85 mmHg, P-97/ cng-90mg/ml, B-120 Wt-68kg, Ht-165cm PRE-30/10/21	27		Fit			<i>David</i> DR. P. N. SARKAR MBBS, DNB F. M. S. (Gen. Med.) 1977-78

FORM NO. 17

HEALTH

1. Serial No. in the Register of adult worker: 51296 [Prescribed under Rules 43 & 44 of the West Bengal Factories Rules 1950]
2. Name of worker: DEBASISH MOHANTA
3. Sex: MALE

Department	Name of Employer	Designation	Department	Date of Birth	Date of joining	Reason for absence	Signature of Employer
Unit 5	Shri...	Operator	Operator	12-01-18			
Unit 5	Operator	Operator	Operator	12-01-18			

REGISTER

No.

1. Serial No. in the Register of adult worker: 51296
2. Name of worker: DEBASISH MOHANTA
3. Sex: MALE

Year of issue & valid until	Serial No.	Period of absence	Reason for absence	Date of joining	Date of leaving	Signature of Employer
01-11-75 to 01-11-76	100	100	100	100	100	100
01-11-76 to 01-11-77	100	100	100	100	100	100

Note - 1. This form should be submitted for industrial worker.  
2. This form should be used for adult registration.

## FORM NO. 17A

## Record of Eye Examination


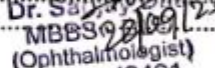
Sl. No.	DEPARTMENT/ WORK	NAME OF WORKER	SEX	AGE (on last birthday)	OCCUPATION		EXAMINATION OF EYE SIGHT		SIGNATURE OF OPHTHALMOLOGIST	REMARKS
					NATURE	Date of Employment	Date	Result		
1.	Pellet-2 Mechanical	Souren Mandal. 31871	M	12-09-1998	GET	29-06-2019	22-09-23	BE < 6/6	SAS	Fit
2.	Pellet-3 Electrical	Avishan kumar Das 31837	M	19-01-1996	GET	05-06-2019	22-09-23	BE < 6/6	SAS	Fit
3.	Pellet-2 Electrical	Chitta Rajan Basu. 31951	M	14-06-1993	GET	16-09-2019	22-09-23	BE < 6/6	SAS	Fit
4.	Pellet-4 Mechanical	Sridhar Adhikari 31904	M	05-07-1980	Foreman	02-03-2019	22-09-23	BE < 6/6	SAS	Fit
5.	Pellet-2 operation	Ashis Maity 31959	M	02-09-1999	DET.	15-07-2019	22-09-23	BE < 6/6	SAS	Fit.

Dr. .... Dr. Santay Das  
 Regd. no. MBBS: D...  
 (Ophthalmologist)  
 Rgno - 42401  
 Ophthalmologist Sing. of Seal

**FORM NO. 17A**

**Record of Eye Examination**

SL No.	DEPARTMENT/ WORK	NAME OF WORKER	SEX	AGE (on last birthday)	OCCUPATION		EXAMINATION OF EYE SIGHT		SIGNATURE OF OPHTHALMOLOGIST	REMARKS
					NATURE	Date of Employment	Date	Result		
6.	Pellet-5 Mechanical	Bikash Rana 31898	M	17-07-1995	Engineer	01-02-2019	22-09-23	BE<6/6	SAS	Fit
7.	Pellet-3 Mechanical	Rajesh Kr. Sahoo 31925	M	09-06-1992	Engineer	08-06-2019	22-09-23	BE<6/6	SAS	Fit
8.	Oxygen Plant	Tamanna Srinivas 31882	M	11-04-1989	Sr. Engineer	01-09-2019	22-09-23	BE<6/6	SAS	Fit
9.	Pellet-2 Operation	Amar Das 31960	M	15-06-1990	Sr. Engineer	15-07-2019	22-09-23	BE<6/6	SAS	Fit
10.	Pellet-3 Mechanical	Sulant Kr. Sahoo 31913	M	03-07-1984	Sr. Engineer	04-03-2019	22-09-23	BE<6/6	SAS	Fit

Dr.   
 Regd. no.   
 (Ophthalmologist)  
 Rgno. 42401  
 Ophthalmologist Sing. of Seal



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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

Sample is drawn by	: M/s. Greenvision	U.L.R. No. :	TC1100323000000451F
Report No.	: GV/NL/23-24/070	Sample Ref. ID	: NLM-057-2023(1)
Name of Customer	: M/s. Orissa Metaliks Pvt. Ltd. (Unit-II)	Report Date	: 05.10.2023
Address of Customer	: Mouza : Dekia & Chaksonadhar, Kharagpur, Dist. : Paschim Medinipur, Pin : 721301, W.B.	Date of Sampling	: 20.09.2023
Sample Description	: Noise Level	Total Time	: 1 Hr.
Sampling Location	: Shyamraipur 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.
62.5	55.4	59.1	53.3	47.6	50.0

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



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. : TC1100323000000452F  
Report No. : GV/NL/23-24/071 Sample Ref. ID : NLM-057-2023(2)  
Name of Customer : M/s. Orissa Metaliks Pvt. Ltd. (Unit-II) Report Date : 05.10.2023  
Address of Customer : Mouza : Dekia & Chaksonadhar, Kharagpur, Date of Sampling : 20.09.2023 & 21.09.2023  
Dist. : Paschim Medinipur, Pin : 721301, W.B. Total Time : 1 Hr.  
Sample Description : Noise Level Sampling Method : IS : 9989 :1981  
Sampling Location : Truck Parking Area  
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

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.
62.3	56.7	60.8	53.6	48.7	50.8

  
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.  
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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. : TC1100323000000453F

Sample is drawn by : M/s. Greenvision  
Report No. : GV/NL/23-24/072  
Name of Customer : M/s. Orissa Metaliks Pvt. Ltd. (Unit-II)  
Address of Customer : Mouza : Dekia & Chaksonadhar, 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-057-2023(3)  
Report Date : 05.10.2023  
Date of Sampling : 20.09.2023 & 21.09.2023  
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.
63.9	56.5	61.5	54.7	48.5	51.2

  
Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager

  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager  
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TC-11003

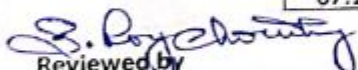
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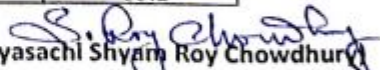
FORMAT NO. : GV/LAB/FM/33N

Sample is drawn by : M/s. Greenvision  
Report No. : GV/NL/23-24/073  
Name of Customer : M/s. Orissa Metaliks Pvt. Ltd. (Unit-II)  
Address of Customer : Mouza : Dekia & Chaksonadhar, Kharagpur,  
Dist. : Paschim Medinipur, Pin : 721301, W.B.  
Sample Description : Noise Level  
Sampling Location : Pellet Plant Area

U.L.R. No. : TC1100323000000454F  
Sample Ref. ID : NLM-057-2023(4)  
Report Date : 05.10.2023  
Date of Sampling : 20.09.2023 &  
21.09.2023  
Total Time : 24 Hrs.  
Sampling Method : IS : 9989 :1981

Time	Lmax dB (A)	Lmin dB (A)	Leq dB (A)
08:10 hrs. to 09:10 hrs.	68.7	60.7	65.7
09:10 hrs. to 10:10 hrs.	71.2	64.4	68.2
10:10 hrs. to 11:10 hrs.	68.8	61.7	66.4
11:10 hrs. to 12:10 hrs.	69.2	62.4	66.0
12:10 hrs. to 13:10 hrs.	64.7	58.7	63.3
13:10 hrs. to 14:10 hrs.	67.3	61.0	65.0
14:10 hrs. to 15:10 hrs.	66.0	59.5	63.8
15:10 hrs. to 16:10 hrs.	68.5	60.2	65.1
16:10 hrs. to 17:10 hrs.	70.7	61.4	67.2
17:10 hrs. to 18:10 hrs.	69.2	61.0	65.9
18:10 hrs. to 19:10 hrs.	67.8	60.9	65.0
19:10 hrs. to 20:10 hrs.	65.3	57.3	62.2
20:10 hrs. to 21:10 hrs.	63.6	56.7	61.2
21:10 hrs. to 22:10 hrs.	62.8	55.2	60.3
22:10 hrs. to 23:10 hrs.	67.3	60.8	65.3
23:10 hrs. to 00:10 hrs.	64.0	58.4	62.0
00:10 hrs. to 01:10 hrs.	66.8	57.3	63.0
01:10 hrs. to 02:10 hrs.	67.6	55.9	64.5
02:10 hrs. to 03:10 hrs.	68.1	60.7	65.7
03:10 hrs. to 04:10 hrs.	69.6	62.0	67.0
04:10 hrs. to 05:10 hrs.	69.1	61.4	67.5
05:10 hrs. to 06:10 hrs.	68.2	60.9	65.2
06:10 hrs. to 07:10 hrs.	70.3	62.7	67.5
07:10 hrs. to 08:10 hrs.	71.8	64.4	69.2

  
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

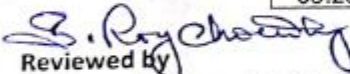
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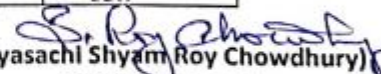
FORMAT NO. : GV/LAB/FM/33N

Sample is drawn by : M/s. Greenvision  
Report No. : GV/NL/23-24/075  
Name of Customer : M/s. Orissa Metaliks Pvt. Ltd. (Unit-II)  
Address of Customer : Mouza : Dekia & Chaksonadhar, Kharagpur,  
Dist. : Paschim Medinipur, Pin : 721301, W.B.  
Sample Description : Noise Level  
Sampling Location : Near Railway Siding

U.L.R. No. : TC1100323000000456F  
Sample Ref. ID : NLM-057-2023(6)  
Report Date : 05.10.2023  
Date of Sampling : 20.09.2023 &  
21.09.2023  
Total Time : 24 Hrs.  
Sampling Method : IS : 9989 :1981

Time	Lmax dB (A)	Lmin dB (A)	Leq dB (A)
09:20 hrs. to 10:20 hrs.	65.3	58.5	62.3
10:20 hrs. to 11:20 hrs.	68.4	59.7	65.3
11:20 hrs. to 12:20 hrs.	67.6	58.7	64.5
12:20 hrs. to 13:20 hrs.	67.9	62.0	64.9
13:20 hrs. to 14:20 hrs.	68.1	64.2	66.1
14:20 hrs. to 15:20 hrs.	67.8	61.5	64.6
15:20 hrs. to 16:20 hrs.	68.0	59.2	64.8
16:20 hrs. to 17:20 hrs.	65.1	56.7	60.0
17:20 hrs. to 18:20 hrs.	64.3	57.0	61.6
18:20 hrs. to 19:20 hrs.	63.3	55.4	60.5
19:20 hrs. to 20:20 hrs.	62.2	53.3	59.2
20:20 hrs. to 21:20 hrs.	60.6	51.6	57.3
21:20 hrs. to 22:20 hrs.	64.7	57.2	62.2
22:20 hrs. to 23:20 hrs.	62.6	58.3	60.4
23:20 hrs. to 00:20 hrs.	61.9	52.8	58.0
00:20 hrs. to 01:20 hrs.	60.3	51.4	56.5
01:20 hrs. to 02:20 hrs.	62.5	54.3	59.1
02:20 hrs. to 03:20 hrs.	61.7	53.0	57.4
03:20 hrs. to 04:20 hrs.	63.2	55.9	60.7
04:20 hrs. to 05:20 hrs.	62.5	58.0	60.2
05:20 hrs. to 06:20 hrs.	62.0	59.8	60.9
06:20 hrs. to 07:20 hrs.	64.6	59.2	62.9
07:20 hrs. to 08:20 hrs.	65.4	58.5	64.8
08:20 hrs. to 09:20 hrs.	66.1	59.8	65.7

  
Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager

  
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