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

1 message

**ORISSA METALIKS** <orissametalikspvtltd@gmail.com>

Wed, Nov 29, 2023 at 3:58 PM

To: "roez.bsr-mef@nic.in" &lt;roez.bsr-mef@nic.in&gt;, iro.kolkata-mefcc@gov.in, ms@wbpcb.gov.in, Monitoring Cell &lt;monitoring-ec@nic.in&gt;

Bcc: environment RML &lt;environment@rashmigroup.com&gt;, Biswanath Sharma &lt;biswanath@rashmigroup.com&gt;, 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 -11011/604/2010-IA II (I); Dated 01.06.2012, 04.01.2017 & 02-06.2017, 23.09.2020 & 16.03.2022 for Iron Ore Beneficiation Plant (Matching with Pellet Plant), Pellet Plant (2.2 MTPA), 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,

BIJAYEN SRIVASTAVA

**Authorised Signatory**


**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 \_Dec. 2023.pdf**  
7664K

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 (Matching with Pellet Plant), Pellet Plant (2.2 MTPA), Producer Gas Plant (480 TPD or 75,000 Nm<sup>3</sup>/hr), at Gokulpur, Tehsil- Kharagpur, District- Paschim Medinipur (W.B.)

**Ref:** - EC No-J -11011/604/2010-IA II (I); Dated 01.06.2012, 04.01.2017 & 02-06.2017, 23.09.2020 & 16.03.2022

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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 (Unit-II)

**Authorised Signatory**

C.C.:-

1. **The Member Secretary, West Bengal Pollution Control Board, Parivesh Bhawan, 10A Block – LA, Sector – III, Kolkata – 700 91**
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. Stack monitoring report as Annexure-I.
3. Copy of Latest Online Stack Monitoring Report as Annexure-II.
4. Green Belt Development Detail as Annexure-III.
5. CAAQMS monitoring data as Annexure-IV.
6. Copy of AAQM Report as Annexure-V.
7. Copy of Fugitive Emission Report as Annexure-VI.
8. Ground water sampling Report is enclosed as Annexure-VII.
9. Effluent Water quality report as Annexure-VIII.
10. Copy of Ambient & Work Noise Quality Monitoring Report Annexure-IX.
11. OHS Report as Annexure-X.

# SIX MONTHS COMPLIANCE REPORT

**April 2023 to September 2023**

**FOR**

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

**EC No.-J-11011/604/2010-1A II (I) dated  
01.06.2012; 04.01.2017; 02.06.2017; 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**

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

<b>Proposal No</b>	J-11011/604/2010-IAII(I)
<b>Compliance ID</b>	27859874
<b>Compliance Number(For Tracking)</b>	EC/M/COMPLIANCE/27859874/2023
<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
<b>Note:-</b> SMS and E-Mail has been sent to ARTATRANA MISHRA, WEST BENGAL with Notification to Project Proponent.	


[Back](#)

## View Compliance Report at Project Proponent

### Proposal Details

<b>Proposal No</b>	J-11011/604/2010-IAII(I)	<b>Category</b>	Industrial Projects - 1
<b>Proposal Name</b>	Expansion of steel plant (0.5 MTPA MBF and SMS- Iron Ore Beneficiation Plant (matching pellet plant), Pellet Plant 2.20 Million TPA pellet (2 x 1.10 MTPA) with Producer Gas Plant (75,000 Nm3/hr) by M/s Orissa Metaliks Pvt. Ltd.		
<b>Plot / Survey/ Khasra No.</b>		<b>Village(s)</b>	
<b>Sub-District(s)</b>			
<b>State</b>	WEST BENGAL	<b>District</b>	MEDINIPUR?WEST
<b>MoEF File No</b>	J-11011/604/2010-IA II(I)	<b>Name of the Entity/ Corporate Office</b>	Orissa Metaliks Pvt. Ltd
<b>Entity's PAN</b>	NA		
<b>Entity Name as per PAN</b>	NA	<b>Entity details mentioned above is correct ?</b>	Agree

### Covering Letter

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

### Compliance Reporting Details

<b>Reporting Year</b>	2023	<b>Reporting Period</b>	01 Dec(01 Apr - 30 Sep)
<b>Remark(if any)</b>	Compliance Report for Period April 2023 to September 2023 for Iron Ore Beneficiation Plant (Matching with Pellet Plant), Pellet Plant (2.2 MTPA), Producer Gas Plant (480 TPD or 75,000 Nm3/hr), at Gokulpur, Tehsil- Kharagpur, District- Paschim Medinipur (W.B.)		

### Details of Production and Project Area

**Date of Commencement of Project/Activity** 23-07-2014

	Project Area as per EC Granted(ha.)	Actual Project Area in Possession(ha.)
Private	27.51	27.51
Revenue Land	0	0
Forest	0	0
Others	0	0
Total	27.51	27.51

PRODUCTION CAPACITY							
Sr.No.	Name of the Product	Units	As per EC Granted	As per CTO Granted	CTO ID	Valid Up To	Production during last financial year
1	Concentrated Iron ore	Million Tons per Annum (MTPA)	4.4	4.4	Memo no. - 355-235-hl-co-r/2022, CO113608	31-10-2026	----
2	producer gas	Others:Nm3/hr	75000	75000	CO113608	31-10-2026	----
3	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

## Conditions

### Specific Conditions

Sr.No.	Condition Type	Condition Details	Status of Compliance,Remarks/Reason and Supporting Documents	
1	AIR QUALITY MONITORING AND PRESERVATION	The pollution load after expansion shall not exceed the existing pollution load as submitted on Parivesh Portal.	PPs Submission	Agreed and being complied with Being Complied Attachment: NA
2	GREENBELT	The PP shall carryout the required plantation as per the EC within 06 months from date of EC and compliance of the same shall be submitted to Regional office of MoEF&CC	PPs Submission	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 2023-24 (from April to End of September), around 200 saplings were planted and the survival rate is 89 %. To fill the gap of green

				<p>belt. To maintain green belt development work dedicated manpower has been deployed Detail of Green belt development and recent photograph is enclosed. Being Complied Attachment: <a href="#">Click to View</a></p>
3	MISCELLANEOUS	No additional disc shall be installed for expansion.	PPs Submission	<p>Agreed Being Complied Attachment: NA</p>
4	MISCELLANEOUS	All the condition prescribed in the environment clearance letter no. -11011/604/2010-IA II (I); 01.06.2012 and 04-01-2017 shall be strictly complied with.	PPs Submission	<p>In compliance to this condition, this report is being submitted. The last compliance report for the period October 2023 to March 2024 was submitted vide letter no. - OMPL-KGP/ENV COMPL /June-2023 dated Being Complied Attachment: NA</p>
5	Statutory compliance	The transfer of Environment clearance File No-J -11011/604/2010-IA II (I); 01.06.2012 is subjected to transfer of all financial, legal (including civil and criminal) and other liabilities to M/s Orissa Metaliks private Limited	PPs Submission	<p>Project is being operated by name of M/s Orissa Metaliks private limited (Unit-II) after obtaining valid NOC &amp; CTO from WBPCB. Being Complied Attachment: NA</p>
6	Statutory compliance	It is requested to obtain Consent to establish and Consent to Operate from State Pollution control Board in the name of M/s Orissa Metaliks Private Limited.	PPs Submission	<p>Complied Being Complied Attachment: NA</p>
7	Statutory compliance	M/s Orissa Metaliks Private Limited will comply to all the specific and general conditions stipulated in the environment clearance letter no. -11011/604/2010-IA II (I); 01.06.2012	PPs Submission	<p>Agreed and Being Complied Being Complied Attachment: NA</p>

8	Statutory compliance	In case, there is a change in scope of the project, fresh environment clearance shall be obtained.	PPs Submission	Agreed Being Complied Attachment: NA
9	Statutory compliance	The environmental clearance is subject to the outcome of Writ Petition No. 1587 (W) of 2011 in the matter of Sk. Sajad Ali vs. The State of West Bengal and Ors. in the Hon?ble High Court of Calcutta.	PPs Submission	The matter has been disposed of by Honorable Calcutta High Court. Being Complied Attachment: NA
10	Statutory compliance	Compliance to all the specific and general conditions stipulated for the existing plant by the Central/State Govt. should be ensured and regular reports submitted to the Ministry and its Regional Office at Bhubaneswar.	PPs Submission	Six monthly compliance reports have been submitted in regular basis to regional office of MOEF&CC, West Bengal Pollution Control Board by the company. The last compliance report for the period October 2022 to March 2023 was submitted vide letter no. - OMPL-KGP/ENV COMPL /June-2023 dated 25.05.2023. Being Complied Attachment: NA
11	AIR QUALITY MONITORING AND PRESERVATION	Measures shall be undertaken to mitigate particulate emissions in the ambient air and a time bound action plan should be provided and sufficient air pollution control devices viz. Electrostatic precipitator (ESP), bag house, bag filters etc. should be provided to keep the emission levels below 50 mg/Nm3 and installing energy efficient technology. No charcoal should be used as raw material.	PPs Submission	Adequate Measures have been taken for reducing the RSPM levels in the ambient air like: a) Installed dust suppression system and bag filters at conveyor and transfer points, product handling, loading and unloading points. b) 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. c) Dedicated 01 No water spraying tankers are in use. d) Concreting of internal road with proper drainage system to reduce fugitive emission because of movement



of trucks. e) 01 no movable Water mist fog system is being used in order to reduce the fugitive dust. f) Frequency of Mechanical Street sweeping machine with vacuum cleaning has been increased from 02 times a days to 04 times a day. g) Dry fog system is installed Management complies with all the conditions issued by Central & state Government Authorities and reports are submitted to concerned department in time bound manner 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) is installed covering upwind, downwind and crosswind directions after getting site approval from WBPCB and data is transferred to SPCB & CPCB server. CAAQMS data are enclosed. Being Complied Attachment: [Click to View](#)

12	AIR QUALITY MONITORING AND PRESERVATION	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 should be followed	PPs Submission	Management is strictly maintaining the National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009. Ambient Air Quality (AAQ) is regularly monitored by NABL/ MoEF accredited
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				laboratory. Recently at three locations viz., Gokulpur, Shyamraipur and Near Plant main Gate AAQ monitoring carried by third party monitoring agency M/s Greenvision Laboratory Services, West Bengal which is NABL/ WBPCB accredited laboratory has done the analysis The latest Ambient Air Quality (AAQ) analysis reports are attached. Being Complied Attachment: <a href="#">Click to View</a>
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13	AIR QUALITY MONITORING AND PRESERVATION	Gaseous emission levels including secondary fugitive emissions from all the sources should be controlled within the latest permissible limits issued by the Ministry and regularly monitored. Guidelines/Code of Practice issued by the CPCB should be followed. New standards for the sponge iron plant issued by the Ministry vide G.S.R. 414(E) dated 30th May, 2008 should be followed.	PPs Submission	To control Gaseous emission levels including secondary fugitive emissions from all the sources within the latest permissible limits steps adopted by company are: i. Adequate capacity Dust suppression system and bag filters are installed at conveyor and transfer points, product handling, loading and unloading points. ii. 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. iii. Dedicated 01 no. water spraying tanker is in use. Internal roads concreted with proper drainage system to reduce fugitive emission because of movement of trucks. iv. 01 no movable water mist fog system is being used in order to reduce the fugitive dust. v. Frequency of Mechanical Street sweeping machine with vacuum cleaning has been increased from 02 times a day to 04 times a day. vi. Dry fog system
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is installed. Fugitive emission monitoring for the plants is carried out on regular basis by WBPCB/NABL/MoEF&CC authorized laboratories. Recently fugitive Emissions have been monitored at Pellet Plant Area, Railway Siding, Product house and Iron Ore Beneficiation plant 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 Fugitive Emission aanalysis reports are attached  
Being Complied  
Attachment: [Click to View](#)

14	AIR QUALITY MONITORING AND PRESERVATION	Vehicular pollution due to transportation of raw material and finished product should be controlled. Proper arrangements should also be made to control dust emissions during loading and unloading of the raw material and finished product.	PPs Submission	? 01 no. water spraying tanker engaged for regular water sprinkling on haul roads for control the fugitive emission. ? Internal roads concreted with proper drainage system to reduce fugitive emission because of movement of trucks. ? Overloading of truck is strictly prohibited. Adequate quantity of water sprinklers/ water guns are installed to control dust emissions during loading and unloading of the raw material and finished product. To ensure minimal vehicular emission during transportation of Raw Materials, finished products movements/ transportation is done by covered dumpers / vehicles or covered by tarpaulins.
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			Being Complied Attachment: NA
15	WATER QUALITY MONITORING AND PRESERVATION	Prior ?permission? for the drawl of 600 m3/day of water from should be obtained Efforts should be made to make use of rain water harvested. If needed, capacity of the reservoir should be enhanced to meet the maximum water requirement. Only balance water requirement should be met from other sources.	<p>PPs Submission</p> <p>The total freshly makes up water requirement for subject EC awarded project is 450 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. Rain Water Harvesting Pond of size approximately 30,000 m3 [02 Nos.] is there and water is used for G. Belt development &amp; dust suppression. Being Complied Attachment: NA</p>

16	WATER QUALITY MONITORING AND PRESERVATION	Regular monitoring of influent and effluent surface, sub-surface and ground water should be ensured and treated wastewater should meet the norms prescribed by the State Pollution Control Board or described under E (P) Act whichever are more stringent.	PPs Submission	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 has done the analysis. Latest Ground Water and Effluent analysis reports are attached Being Complied Attachment: <a href="#">Click to View</a>
17	WATER QUALITY MONITORING AND PRESERVATION	Zero? effluent discharge should be strictly followed and no wastewater should be discharged outside the premises.t.	PPs Submission	Plant has been designed on ?Zero Liquid Discharge? concept and no wastewater is generated 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) plant. Domestic waste water is treated in STP of adequate capacity. Being Complied Attachment: NA
18	WATER QUALITY MONITORING AND PRESERVATION	Regular monitoring of influent and effluent surface, sub-surface and ground water should be ensured and treated wastewater should meet the norms prescribed by the State Pollution Control Board or described under the Environment (Protection) Act whichever are more stringent. Leachate study for the effluent generated and analysis should also be regularly carried out and report submitted to the Ministry?s regional Office at Bhubaneswar, SPCB and CPCB.	PPs Submission	Plant has been designed on ?Zero Liquid Discharge? concept and it is ensured by top management that no water is discharge outside the plant premises. Monitoring of the surface water, leachate and ground water sources inside the plant premises and outside villages by NABL/MoEF&CC accredited laboratory is done on regular basis. M/s Greenvision Laboratory Services, West Bengal which is

				NABL/ WBPCB accredited laboratory has done the analysis. Being Complied Attachment: NA
19	WASTE MANAGEMENT	<p>The reject generated during the beneficiation process shall be stacked at earmarked dump site only and it should not be kept active for a long period and their phase-wise stabilization shall be carried out. The maximum height of the dumps shall not exceed 30 m having 3 terraces of 10 m each and the overall slope of the dump shall be maintained to 28O. The dump should be scientifically vegetated with suitable native species to prevent erosion and surface run off. The reject dump shall be suitably rehabilitated with coco-coir/geo textile to prevent erosion and prevention of fine particles getting airborne. Compliance status shall be submitted to the Ministry of Environment &amp; Forests and its Regional Office located at Bhubaneswar on six monthly basis.</p>	PPs Submission	<p>Tailing/ Low grade iron generated from beneficiation is stored in demarcated area. It has left-over Fe contents of 10-20%. This solid waste is in the cake form, with 100-200 mesh particles containing 20-25% moisture after filter press. After natural drying, it loses moisture &amp; becomes powder. The tailing/ low grade iron management practice are: a. Used in Sinter Plant of associate company b. Used as aggregate in concrete/ pavement development. c. Value addition construction materials viz., bricks / and d. Balance used for road construction. Being Complied Attachment: NA</p>
20	WASTE MANAGEMENT	<p>Catch drains and siltation ponds of appropriate size shall be constructed around the reject dump to prevent run off of water and flow of sediments directly into the water body. The water so collected should be utilized for watering the mine area, roads, green belt development etc. the drains shall be regularly desilted particularly after the monsoon and maintained properly.</p>	PPs Submission	<p>The management of OMPL-II have constructed drains along the internal road and are connected with 01 no guard/storm water collecting pond inside the plant premises to prevent run off of water and flow of sediments directly into the water body. The collected water is used for dust suppression, Green Belt development, road side watering purposes. Regular cleaning of drain systems pre monsoon &amp; post monsoon is done in order to avoid blockage</p>

				of drains. Being Complied Attachment: NA
21	WASTE MANAGEMENT	Garland drains, settling tanks and check dams of appropriate size, gradient and length shall be constructed around the reject dump to prevent run off of water and flow of sediments directly into the Baitarani River and other water bodies and sump capacity should be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity should also provide adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the corners of the garland drains and delisted at regular intervals.	PPs Submission	Being Complied The management of OMPL-II have constructed drains along the internal road, garland drains and are connected with 01 no guard/storm water collecting pond inside the plant premises to prevent run off of water and flow of sediments directly into the water body. The collected water is used for dust suppression, Green Belt development, road side watering purposes. Being Complied Attachment: NA
22	WATER QUALITY MONITORING AND PRESERVATION	The tailing pond/slime pond shall be lined with impervious lining. The garland drain shall be constructed around the tailing/slime pond.	PPs Submission	Being Complied As stated in point no-xi, low grade iron generated from beneficiation is stored in demarcated area. It has left-over Fe contents of 10-20%. This solid waste is in the cake form, with 100-200 mesh particles containing 20-25% moisture after filter press. After natural drying, it loses moisture & becomes powder. The tailing / low grade iron management practices are: a. Used in Sinter Plant of associate company b. Used as aggregate in concrete/ pavement development. c. Value addition construction materials viz., bricks / and d. Balance used for road construction The management of OMPL-II have constructed drains, guard/storm water collecting pond inside the plant

				premises for collecting the waste water in order to prevent run off of water. Being Complied Attachment: NA
23	WATER QUALITY MONITORING AND PRESERVATION	The decanted water from the tailing/slime pond shall be re-circulated and there should be zero discharge from the slime/tailing pond.	PPs Submission	Plant has been designed on ?Zero? discharge concept and it is ensured by top level management The excess water from the tailing yard is transferred to slurry pond by garland drain 0.5 m x 0.5 m. The overflow/ decanted water from the tailing thickener is sent to process water tank for re-circulation in the process and reused for making green ball in pellet plant. 100% reuse of water from the slurry pond is anticipated. Being Complied Attachment: NA
24	WATER QUALITY MONITORING AND PRESERVATION	The groundwater quality around the tailing/slime pond shall be monitored regularly. The monitoring network shall be designed in consultation with State Ground Water Board/Central Ground Water Authority. There shall be at least one monitoring station between the tailing/slime pond and the river.	PPs Submission	Ground water quality monitoring & leachate analysis inside the factory?s premises are done on regular basis by NABL/MoEF&CC accredited laboratories. M/s Greenvision Laboratory Services, West Bengal which is NABL/ WBPCB accredited laboratory has done. Being Complied Attachment: NA
25	Risk Mitigation and Disaster Management	A Disaster Management Plan should be prepared and a copy submitted to the Ministry?s Regional Office at Bhubaneswar, SPCB and CPCB within 3 months of issue of environment clearance letter.	PPs Submission	Complied Disaster management plan and Emergency preparedness plan are in place based upon the national and international guidelines and is already been submitted to the Ministry?s Regional



			Office. Being Complied Attachment: NA
26	GREENBELT	Green belt shall be developed in at least 33% of plant area as per the CPCB guidelines in consultation with the DFO.	PPs Submission As stated in point no-i, 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 to fill the gap and the survival rate is 89 %. To maintain green belt dedicated manpower has been deployed. Being Complied Attachment: NA
27	Corporate Environmental Responsibility	At least 5% of the total cost of the project should be earmarked towards the Enterprise Social Commitment based on locals need and item-wise details along with time bound action plan should be prepared and submitted to the Ministry's Regional Office at Bhubaneswar. Implementation of such program should be ensured accordingly in a time bound manner.	PPs Submission In financial year 2023-24, OMPL company has spent Rs. 2, 50, 00,000 under the head of CSR/CER. Being Complied Attachment: NA
28	Corporate Environmental Responsibility	The company shall provide housing for construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, crèche etc. the housing may be in the form of temporary structures to be removed after the completion of the project.	PPs Submission Complied We are providing four storeyed (20,000 square Ft.) staff quarter with drinking water, electricity and sanitation facilities. Being Complied Attachment: NA
29	Corporate Environmental Responsibility	The Company shall submit within three months their policy towards Corporate Environment Responsibility which should inter-alia address (i) Standard operating process/procedure to being into focus any infringement/deviation/violation of environmental or forest	PPs Submission Corporate Environmental Policy is implemented and system of the reporting of any infringements/ non-compliance of EC conditions to the Board of Directors there. A

		<p>norms/conditions, (ii) Hierarchical system or Administrative order of the Company to deal with environmental issues and ensuring compliance to the Company to deal with environmental issues and ensuring compliance to the Company to the environmental clearance conditions and (iii) System of reporting of non-compliance/violation environmental norms to the Board of Director of the company and/or stakeholders or shareholders.</p>		<p>dedicated environmental cell with qualified personnel is in place. The hierarchy chart of the Environment Cell is well defined in Corporate Environmental Policy. Copy of the Corporate Environmental Policy dully approved by Board of Director is already submitted to ministry. Being Complied Attachment: NA</p>
30	AIR QUALITY MONITORING AND PRESERVATION	The project proponent shall comply with the strict emission norms of 30 mg/Nm <sup>3</sup> .	<p>PPs Submission</p>	<p>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 Also Online stack monitoring system is installed with stack as per CPCB guideline and data are transferred to CPCB server &amp; State portal. Being Complied Attachment: <a href="#">Click to View</a></p>
			<p>PPs Submission</p>	<p>OCEMS report for last six month is enclosed. Being Complied Attachment: <a href="#">Click to View</a></p>

## General Conditions

Sr.No.	Condition Heading	Condition Details	Status of Compliance,Remarks/Reason and Supporting Documents	
1	Statutory compliance	The project authorities must strictly adhere to the stipulation made by the West Bengal State Pollution Control Board and the State Government.	PPs Submission	Being Complied Adequate measure has been taken by management of OMPL for pollution control and complying with all condition issue by Central Pollution Control Board and State Pollution Control Board. Reports of Monitoring and compliance are submitted to WBP on regular basis.

Being Complied  
Attachment: NA

2	Statutory compliance	No further expansion or modifications in the plant shall be carried but without prior approval of the Ministry of Environment and Forests.	PPs Submission	Agreed 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 memo no.131 2N-29/2019(E)-Pt.II dated 16.03.2022. Being Complied Attachment: NA
3	AIR QUALITY MONITORING AND PRESERVATION	The gaseous emissions from various process units shall conform to the load/mass-based standards notified by this Ministry on 19th May, 1993 and standards prescribed from time to time. The State Board may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location.	PPs Submission	Being Complied All the necessary measures have been adopted for preventing the gaseous emission on priority basis. Being Complied Attachment: NA
4	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, 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.	PPs Submission	Being Complied Ambient air quality monitoring is carried out on regular basis for the relevant parameters as specified in the environment clearance i.e. PM10, PM2.5, SO2, and NOx by NABL/ MoEF&CC accredited laboratory. The reports are regularly being submitted to MOEF and WBPCB. 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. T Being Complied Attachment: NA

5	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.	PPs Submission	The plant is designed as Zero Discharge Plant. Water in pellet pl is used for cooling purpose and Phenolic water is used for green pellet ball making and in ABC of C kiln of OMPL (Unit-I) plant. Dome waste water is treated in STP of adequate capacity Being Complied Attachment: NA
6	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	PPs Submission	The management takes all necessary steps to control the noise level (Ambient & Source) inside the plant premises and a dedicated team is engaged to continuously check the noise level. Also ambient & point source noise analysis for plant is being carried by NABL/MoEF accredited lab on regular basis. Noise level have been monitored at four locations viz. Plant Main Gate Shyamraipur Village, Railway Sideline Truck parking Area & Pellet Plant Area by third party monitoring agency M/s Greenvision Laboratories Services, West Bengal which is NABL/ WBPCB accredited laboratory. The Ambient & Work Zone Noise quality monitoring reports are enclosed. Being Complied Attachment: <a href="#">Click to View</a>
7	Human Health Environment	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.e).	PPs Submission	Occupational health surveillance of the workers is being periodically accessed and records are being maintained as per the Factories Act 1948. Company is ISO 45001:2018 certified. The OHS record is being enclosed Being Complied Attachment: <a href="#">Click to View</a>
8	WATER QUALITY MONITORING AND PRESERVATION	The company shall develop surface water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.	PPs Submission	Complied 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 dust suppression, greenbelt development. Being Complied Attachment: NA

9	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.	PPs Submission	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/CER head. Being Complied Attachment: NA
10	Corporate Environmental Responsibility	Requisite amount 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 and Forests 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.	PPs Submission	An amount of Rs. 12.5 crores and Rs.2.40 crores towards capital cost and annual recurring cost deployed for implementing the environment protection measures. Being Complied Attachment: NA
11	Statutory compliance	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zilla 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 also is put on the website of the company by the proponent.	PPs Submission	Copies of EC were submitted to local bodies, Panchayat and Municipal bodies and also uploaded on the website of the company <a href="http://orissametaliks.com/qehs.htm">http://orissametaliks.com/qehs.htm</a> Complied Attachment: NA
12	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 at Bhubaneswar. The	PPs Submission	The status of compliance of the environmental clearance conditions are/ will be uploaded on the website of the company <a href="http://orissametaliks.com/qehs.htm">http://orissametaliks.com/qehs.htm</a> 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

		<p>respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely PM<sub>10</sub>,SO<sub>2</sub>,NO<sub>x</sub> (ambient levels as well as well as stack emissions) or critical sectoral parameters indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.</p>		<p>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.htm">http://orissametaliks.com/qehs.htm</a>  Complied  Attachment: NA</p>
13	Statutory compliance	<p>The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environment conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MOEF, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Bhubaneswar/CPCB/SPCB shall monitor the stipulated conditions.</p>	PPs Submission	<p>This report is being submitted as compliance to this point. The last compliance reports for the period October, 2022 to March 2023 submitted vide letter no. ? OMPL-KGP/ENV COMPL /June-2023 date 25.05.2023.  Being Complied  Attachment: NA</p>
14	Statutory compliance	<p>The environment 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 the MOEF at Bhubaneswar by e-mail.</p>	PPs Submission	<p>Environmental Statement for financial year 2022-2023 in Form-V as prescribed under the Environment (Protection) Rules, 1986, 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.htm">http://orissametaliks.com/qehs.htm</a>  Being Complied  Attachment: NA</p>
15	PUBLIC HEARING	<p>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 and Forests at <a href="http://envfor.nic.in">http://envfor.nic.in</a>. This shall</p>	PPs Submission	<p>Advertisement for environment clearance transfer, in two local newspapers that are widely circulated in the region are: ? ? Ekdin? (Bengali) dated 07.06.2012 Business Standard? (English) dated 07.06.2012  Being Complied  Attachment: NA</p>

		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 forwards to the Regional office at Bhubaneswar.		
16	MISCELLANEOUS	TProject 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.	PPs Submission	Company is a private company an no finance is needed from outside Being Complied Attachment: NA
17	MISCELLANEOUS	Sensitization of project proponents on implementation of ban on Single Use Plastic (SUP).	PPs Submission	In order to create awareness amon the employees about the harm/ impact of Single Use Plastic on environment , banner and flex are displayed at suitable place like wo place, canteen, parking area etc. Being Complied Attachment: NA

## Document Upload

**Last Site Visit** NA

**Report (if available)**

**Additional Attachment (if any)** [Click to View](#)

**Last Site Visit** 02-02-2021

**Report Date (if available)**

**Additional Remarks (if any)** Please refer the uploaded document more reference.

- 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.

## Cover Letter From IRO

Back



**Name of the Project: -**

Expansion of steel plant (0.5 MTPA MBF and SMS- Iron Ore Beneficiation Plant (matching pellet plant), Pellet Plant 2.20 Million TPA pellet (2 x 1.10 MTPA) with Producer Gas Plant (75,000 Nm<sup>3</sup>/hr) by M/s Orissa Metaliks Pvt. Ltd.

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

EC No-J -11011/604/2010-IA II (I); Dated 01.06.2012, 04.01.2017, 02-06.2017, 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

A.	Specific Conditions w.r.t to EC amendment dated 02.06.2017	Compliance Status
i)	The PP shall carryout the required plantation as per the EC within 06 months from date of EC and compliance of the same shall be submitted to Regional office of MoEF&CC	Being Complied  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 2023-24 (from April to End of September), around 200 saplings were planted and the survival rate is 89 %. To fill the gap of green belt. To maintain green belt development work dedicated manpower has been deployed Detail of Green belt development and recent photograph is enclosed as <b>Annexure-III</b> .



		
ii)	No additional disc shall be installed for expansion.	Agreed
iii)	All the condition prescribed in the environment clearance letter no. - 11011/604/2010-IA II (I); 01.06.2012 and 04-01-2017 shall be strictly complied with.	Being Complied In compliance to this condition, this report is being submitted. The last compliance report for the period October 2023 to March 2024 was submitted vide letter no. - OMPL-KGP/ENV COMPL /June-2023 dated 25.05.2022.

A.	Specific Conditions w.r.t to EC Transfer dated 04.01.2017	Compliance Status
i)	The transfer of Environment clearance File No-J -11011/604/2010-IA II (I); 01.06.2012 is subjected to transfer of all financial, legal (including civil and criminal) and other liabilities to M/s Orissa Metaliks private Limited	Agreed Project is being operated by name of M/s Orissa Metaliks private limited (Unit-II) after obtaining valid NOC & CTO from WBPCB.
ii)	It is requested to obtain Consent to establish and Consent to Operate from State Pollution control Board in the name of M/s Orissa Metaliks Private Limited.	Complied
iii)	M/s Orissa Metaliks Private Limited will comply to all the specific and general conditions stipulated in the environment clearance letter no. -11011/604/2010-IA II (I); 01.06.2012	Agreed and Being Complied
iv)	In case, there is a change in scope of the project, fresh environment clearance shall be obtained.	Agreed

A.	Specific Conditions w.r.t to EC amendment dated 01.06.2012	Compliance Status
i)	The environmental clearance is subject to the outcome of Writ Petition No. 1587 (W) of 2011 in the matter of Sk. Sajad Ali vs. The State of West Bengal and Ors. in the Hon'ble High Court of Calcutta.	Agreed The matter has been disposed of by Honorable Calcutta High Court.



ii)	Compliance to all the specific and general conditions stipulated for the existing plant by the Central/State Govt. should be ensured and regular reports submitted to the Ministry and its Regional Office at Bhubaneswar.	<p style="text-align: center;">Being Complied</p> <p>Six monthly compliance reports have been submitted in regular basis to regional office of MOEF&amp;CC, West Bengal Pollution Control Board by the company.</p> <p>The last compliance report for the period October 2022 to March 2023 was submitted vide letter no. - OMPL-KGP/ENV COMPL /June-2023 dated 25.05.2023.</p>								
iii)	Measures shall be undertaken to mitigate particulate emissions in the ambient air and a time bound action plan should be provided and sufficient air pollution control devices viz. Electrostatic precipitator (ESP), bag house, bag filters etc. should be provided to keep the emission levels below 50 mg/Nm <sup>3</sup> and installing energy efficient technology. No charcoal should be used as raw material.	<p style="text-align: center;">Being Complied</p> <p>Adequate Measures have been taken for reducing the RSPM levels in the ambient air like:</p> <ol style="list-style-type: none"> <li>a) Installed dust suppression system and bag filters at conveyor and transfer points, product handling, loading and unloading points.</li> <li>b) 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>c) Dedicated 01 No water spraying tankers are in use.</li> <li>d) Concreting of internal road with proper drainage system to reduce fugitive emission because of movement of trucks.</li> <li>e) 01 no movable Water mist fog system is being used in order to reduce the fugitive dust.</li> <li>f) Frequency of Mechanical Street sweeping machine with vacuum cleaning has been increased from 02 times a days to 04 times a day.</li> <li>g) Dry fog system is installed</li> </ol> <p>Management complies with all the conditions issued by Central &amp; state Government Authorities and reports are submitted to concerned department in time bound manner</p> <p>After taking into consideration the interest and financial share cost from associate company of the Group, for monitoring the Ambient Air quality around industrial units of the Group, 04 nos. Continuous Ambient Air Quality Monitoring Station (USEPA/ MCERT approved) is installed covering upwind, downwind and crosswind directions after getting site approval from WBPCB and data is transferred to SPCB &amp; CPCB server.</p> <p>CAAQMS data are enclosed as <b>Annexure-IV</b>.</p>								
iv)	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 should be followed	<p style="text-align: center;">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. Ambient Air Quality (AAQ) is regularly monitored by NABL/ MoEF accredited laboratory.</p> <p>Recently at three locations viz., Gokulpur, Shyamraipur and Near Plant main Gate AAQ monitoring carried 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, AAQ levels are as follows:</p> <table border="1" data-bbox="755 1850 1503 1944"> <thead> <tr> <th>Parameter</th> <th>Gokulpur</th> <th>Shyamraipur</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> </tbody> </table>	Parameter	Gokulpur	Shyamraipur	Near plant main gate	PM <sub>10</sub> (µg/m <sup>3</sup> )	65.93	69.18	76.57
Parameter	Gokulpur	Shyamraipur	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	0.283

The latest Ambient Air Quality (AAQ) analysis reports are attached in as Annexure-V.

v) Gaseous emission levels including secondary fugitive emissions from all the sources should be controlled within the latest permissible limits issued by the Ministry and regularly monitored. Guidelines/Code of Practice issued by the CPCB should be followed. New standards for the sponge iron plant issued by the Ministry vide G.S.R. 414(E) dated 30<sup>th</sup> May, 2008 should be followed.

Being Complied

To control Gaseous emission levels including secondary fugitive emissions from all the sources within the latest permissible limits steps adopted by company are:

- i. Adequate capacity Dust suppression system and bag filters are installed at conveyor and transfer points, product handling, loading and unloading points.
- ii. 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.
- iii. Dedicated 01 no. water spraying tanker is in use. Internal roads concreted with proper drainage system to reduce fugitive emission because of movement of trucks.
- iv. 01 no movable water mist fog system is being used in order to reduce the fugitive dust.
- v. Frequency of Mechanical Street sweeping machine with vacuum cleaning has been increased from 02 times a day to 04 times a day.
- vi. Dry fog system is installed.



Sweeper Machine



Mobile water tanker

Fugitive emission monitoring for the plants is carried out on regular basis by WBPCB/NABL/MoEF&CC authorized laboratories.

Recently fugitive Emissions have been monitored at Pellet Plant Area, Railway Siding, Product house and Iron Ore Beneficiation plant 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:

Parameter	Pellet Plant Area I & II	Railway Siding Area	Product House Area	Iron Ore Beneficiation Area
SPM (µg/m <sup>3</sup> )	492.08	537.15	306.42	396.13



		The Fugitive Emission analysis reports are attached in as <b>Annexure-VI</b> .
vi)	Vehicular pollution due to transportation of raw material and finished product should be controlled. Proper arrangements should also be made to control dust emissions during loading and unloading of the raw material and finished product.	<p>Being Complied</p> <ul style="list-style-type: none"> <li>• 01 no. water spraying tanker engaged for regular water sprinkling on haul roads for control the fugitive emission.</li> <li>• Internal roads concreted with proper drainage system to reduce fugitive emission because of movement of trucks.</li> <li>• Overloading of truck is strictly prohibited.</li> </ul> <p>Adequate quantity of water sprinklers/ water guns are installed to control dust emissions during loading and unloading of the raw material and finished product.</p> <p>To ensure minimal vehicular emission during transportation of Raw Materials, finished products movements/ transportation is done by covered dumpers / vehicles or covered by tarpaulins.</p>
vii)	Prior 'permission' for the drawl of 600 m3/day of water from should be obtained Efforts should be made to make use of rain water harvested. If needed, capacity of the reservoir should be enhanced to meet the maximum water requirement. Only balance water requirement should be met from other sources.	<p>Being Complied</p> <p>The total freshly makes up water requirement for subject EC awarded project is 450 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 G. Belt development &amp; dust suppression.</p> <div style="text-align: center;">  <p><b>RAIN WATER HARVESTING POND</b></p> </div>
viii)	Regular monitoring of influent and effluent surface, sub-surface and ground water should be ensured and treated wastewater should meet the norms prescribed by the State Pollution Control Board or described under E (P) Act whichever are more stringent.	<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 has done the analysis.</p> <p>Latest Ground Water and Effluent analysis reports are attached as <b>Annexure - VII &amp; Annexure - VIII</b>.</p>
ix)	'Zero' effluent discharge should be strictly followed and no wastewater should be discharged outside the premises.	<p>Being Complied</p> <p>Plant has been designed on 'Zero Liquid Discharge' concept and no wastewater is generated outside the plant premises. Water in pellet plant is used for cooling purpose and Phenolic water is used for green</p>



		ball making and in ABC of DRI kiln of OMPL (Unit-I) plant. Domestic waste water is treated in STP of adequate capacity.
x)	Regular monitoring of influent and effluent surface, sub-surface and ground water should be ensured and treated wastewater should meet the norms prescribed by the State Pollution Control Board or described under the Environment (Protection) Act whichever are more stringent. Leachate study for the effluent generated and analysis should also be regularly carried out and report submitted to the Ministry's regional Office at Bhubaneswar, SPCB and CPCB.	<p>Being Complied</p> <p>Plant has been designed on 'Zero Liquid Discharge' concept and it is ensured by top management that no water is discharge outside the plant premises. Monitoring of the surface water, leachate and ground water sources inside the plant premises and outside villages by NABL/MoEF&amp;CC accredited laboratory is done on regular basis.</p> <p>M/s Greenvision Laboratory Services, West Bengal which is NABL/WBPCB accredited laboratory has done the analysis has done the analysis. Latest Ground Water and Effluent analysis reports are already attached as <b>Annexure - VII &amp; Annexure - VIII.</b></p>
xi)	The reject generated during the beneficiation process shall be stacked at earmarked dump site only and it should not be kept active for a long period and their phase-wise stabilization shall be carried out. The maximum height of the dumps shall not exceed 30 m having 3 terraces of 10 m each and the overall slope of the dump shall be maintained to 28°. The dump should be scientifically vegetated with suitable native species to prevent erosion and surface run off. The reject dump shall be suitably rehabilitated with coco-coir/geo textile to prevent erosion and prevention of fine particles getting airborne. Compliance status shall be submitted to the Ministry of Environment & Forests and its Regional Office located at Bhubaneswar on six monthly basis.	<p>Being complied</p> <p>Tailing/ Low grade iron generated from beneficiation is stored in demarcated area. It has left-over Fe contents of 10-20%. This solid waste is in the cake form, with 100-200 mesh particles containing 20-25% moisture after filter press. After natural drying, it loses moisture &amp; becomes powder. The tailing/ low grade iron management practice are:</p> <ol style="list-style-type: none"> <li>Used in Sinter Plant of associate company</li> <li>Used as aggregate in concrete/ pavement development.</li> <li>Value addition construction materials viz., bricks / and</li> <li>Balance used for road construction.</li> </ol>
xii)	Catch drains and siltation ponds of appropriate size shall be constructed around the reject dump to prevent run off of water and flow of sediments directly into the water body. The water so collected should be utilized for watering the mine area, roads, green belt development etc. the drains shall be regularly desilted particularly after the monsoon and maintained properly.	<p>Being Complied</p> <p>The management of OMPL-II have constructed drains along the internal road and are connected with 01 no guard/storm water collecting pond inside the plant premises to prevent run off of water and flow of sediments directly into the water body. The collected water is used for dust suppression, Green Belt development, road side watering purposes.</p> <p>Regular cleaning of drain systems pre monsoon &amp; post monsoon is done in order to avoid blockage of drains.</p>



xiii)	Garland drains, settling tanks and check dams of appropriate size, gradient and length shall be constructed around the reject dump to prevent run off of water and flow of sediments directly into the Baitarani River and other water bodies and sump capacity should be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity should also provide adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the corners of the garland drains and delisted at regular intervals.	<p style="text-align: center;">Being Complied</p> <p>The management of OMPL-II have constructed drains along the internal road, garland drains and are connected with 01 no guard/storm water collecting pond inside the plant premises to prevent run off of water and flow of sediments directly into the water body. The collected water is used for dust suppression, Green Belt development, road side watering purposes.</p>
xiv)	The tailing pond/slime pond shall be lined with impervious lining. The garland drain shall be constructed around the tailing/slime pond.	<p style="text-align: center;">Being Complied</p> <p>As stated in <b>point no-xi</b>, low grade iron generated from beneficiation is stored in demarcated area. It has left-over Fe contents of 10-20%. This solid waste is in the cake form, with 100-200 mesh particles containing 20-25% moisture after filter press. After natural drying, it loses moisture &amp; becomes powder. The tailing / low grade iron management practices are:</p> <ol style="list-style-type: none"> <li>a. Used in Sinter Plant of associate company</li> <li>b. Used as aggregate in concrete/ pavement development.</li> <li>c. Value addition construction materials viz., bricks / and</li> <li>d. Balance used for road construction</li> </ol> <p>The management of OMPL-II have constructed drains, guard/storm water collecting pond inside the plant premises for collecting the waste water in order to prevent run off of water.</p>
xv)	The ground water quality around the tailing pond/slime pond shall be monitored regularly and records maintained.	<p style="text-align: center;">Being Complied</p> <p>Ground water quality monitoring &amp; leachate analysis inside the factory's premises are done on regular basis by NABL/MoEF&amp;CC accredited laboratories.</p> <p>M/s Greenvision Laboratory Services, West Bengal which is NABL/WBPCB accredited laboratory has done the Ground Water analysis and &amp; effluent analysis and the reports are already attached as <b>Annexure - VII &amp; Annexure-VIII</b>.</p>
xvi)	The decanted water from the tailing/slime pond shall be re-circulated and there should be zero discharge from the slime/tailing pond.	<p style="text-align: center;">Being Complied</p> <p>Plant has been designed on 'Zero' discharge concept and it is ensured by top level management</p> <p>The excess water from the tailing yard is transferred to slurry pond by garland drain 0.5 m x 0.5 m. The overflow/ decanted water from the tailing thickener is sent to process water tank for re-circulation in the process and reused for making green ball in pellet plant. 100% reuse of water from the slurry pond is anticipated.</p>
xvii)	The groundwater quality around the tailing/slime pond shall be monitored regularly. The monitoring network shall be designed in consultation with State Ground Water Board/Central Ground Water Authority. There shall be at least one monitoring station between the tailing/slime	<p style="text-align: center;">Being complied</p> <p>Ground water quality monitoring &amp; leachate analysis inside the factory's premises are done on regular basis by NABL/MoEF&amp;CC accredited laboratories.</p> <p>M/s Greenvision Laboratory Services, West Bengal which is NABL/WBPCB accredited laboratory has done the Ground Water analysis and</p>



	pond and the river.	& effluent analysis and the reports are already attached as <b>Annexure - VII &amp; Annexure-VIII.</b>																		
xviii)	Proper handling, storage, utilization and disposal of all the solid waste should be ensured and regular report regarding toxic metal content in the waste material and its composition, end use of solid/hazardous waste should be submitted to the Ministry's Regional Office at Bhubaneswar, SPCB and CPCB.	<p style="text-align: center;">Being Complied</p> <p>Effective &amp; environment friendly Waste Management procedure is in place to ensure that the waste/materials are managed in a responsible manner. The practices being adopted are:</p> <ol style="list-style-type: none"> <li>1. To identify and classify waste</li> <li>2. Colour coding and labeling of waste collection bins / containers</li> <li>3. Segregated at the source of generation</li> <li>4. Inventory maintained</li> <li>5. Proper Transportation</li> <li>6. Adequate storage</li> <li>7. Effective Treatment and Disposal</li> <li>8. Documentation and reporting</li> <li>9. Compliance to the statutory requirements</li> </ol> <p>Hazardous Waste generated is being sold to WBPCB authorized vendor or sent to CHWSTDF as per HZW Management Rule 2016. The annual return (FORM-IV) for the financial year (2022-2023) in prescribed format submitted on Online Consent Management &amp; Monitoring System portal to WBPCB vide Return no-2314953 dated 30.06.2022. . The detail of solid waste and its management practice adopted for EC awarded project is:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Sr. No</th> <th style="width: 30%;">Solid Waste</th> <th style="width: 60%;">Solid Waste Management</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>Dust from ESP and Bag Filters of Pellet Plant</td> <td>Reused in process</td> </tr> <tr> <td style="text-align: center;">2</td> <td>Iron Ore Tailings/ Low grade iron</td> <td>Used in Sinter Plant of Associate Company. Aggregate in Concrete, Paver Block making, road construction</td> </tr> <tr> <td style="text-align: center;">3</td> <td>Coal Tar</td> <td>Coal tar is separated in Electrostatic Tar Separator, stored in underground tanks and is/will be sold off to WBPCB authorised vendor.</td> </tr> <tr> <td style="text-align: center;">4</td> <td>Tar Sludge</td> <td>Tar sludge is sent to WBPCB authorized vendor.</td> </tr> <tr> <td style="text-align: center;">5</td> <td>Phenolic Water</td> <td>Phenolic water is sprayed on coal, used in ABC of DRI kiln of OMPL-I unit , making green pellet ball</td> </tr> </tbody> </table>	Sr. No	Solid Waste	Solid Waste Management	1	Dust from ESP and Bag Filters of Pellet Plant	Reused in process	2	Iron Ore Tailings/ Low grade iron	Used in Sinter Plant of Associate Company. Aggregate in Concrete, Paver Block making, road construction	3	Coal Tar	Coal tar is separated in Electrostatic Tar Separator, stored in underground tanks and is/will be sold off to WBPCB authorised vendor.	4	Tar Sludge	Tar sludge is sent to WBPCB authorized vendor.	5	Phenolic Water	Phenolic water is sprayed on coal, used in ABC of DRI kiln of OMPL-I unit , making green pellet ball
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xix)	A Disaster Management Plan should be prepared and a copy submitted to the Ministry's Regional Office at Bhubaneswar, SPCB and CPCB within 3 months of issue of environment clearance letter.	<p style="text-align: center;">Complied</p> <p>Disaster management plan and Emergency preparedness plan are in place based upon the national and international guidelines and is already been submitted to the Ministry's Regional Office.</p>																		
xx)	Green belt shall be developed in at least 33% of plant area as per the CPCB guidelines in consultation with the DFO.	<p style="text-align: center;">Being Complied</p> <p>As stated in <b>point no-i</b>, 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 to fill the gap and the</p>																		





		survival rate is 89 %. To maintain green belt dedicated manpower has been deployed.
xxi)	At least 5% of the total cost of the project should be earmarked towards the Enterprise Social Commitment based on locals need and item-wise details along with time bound action plan should be prepared and submitted to the Ministry's Regional Office at Bhubaneswar. Implementation of such program should be ensured accordingly in a time bound manner.	<p style="text-align: center;">Being Complied</p> <p>M/s Orissa Metaliks Private Limited has well-defined CSR policy under which OMPL carry out social development and welfare measures in the surrounding villages.</p> <p>In financial year 2023-24, OMPL company has spent Rs. 2, 50, 00,00,000 under the head of CSR/CER. The recent CSR/CER photograph are:</p>  
xxii)	The company shall provide housing for construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, crèche etc. the housing may be in the form of temporary structures to be removed after the completion of the project.	<p style="text-align: center;">Complied</p> <p>We are providing four storeyed (20,000 square Ft.) staff quarter with drinking water, electricity and sanitation facilities.</p>
xxiii)	The Company shall submit within three months their policy towards Corporate Environment Responsibility which should inter-alia address (i) Standard operating process/procedure to being into focus any infringement/deviation/violation of environmental or forest norms/conditions, (ii) Hierarchical system or Administrative order of the Company to deal with	<p style="text-align: center;">Complied</p> <p>Corporate Environmental Policy is implemented and system of the reporting of any infringements/ non-compliance of EC conditions to the Board of Directors there.</p> <p>A dedicated environmental cell with qualified personnel is in place. The hierarchy chart of the Environment Cell is well defined in Corporate Environmental Policy.</p> 


environmental issues and ensuring compliance to the Company to deal with environmental issues and ensuring compliance to the Company to the environmental clearance conditions and (iii) System of reporting of non-compliance/violation environmental norms to the Board of Director of the company and/or stakeholders or shareholders.	Copy of the Corporate Environmental Policy dully approved by Board of Director is already submitted to ministry.
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A.	General Conditions :	Compliance Status
i)	The project authorities must strictly adhere to the stipulation made by the West Bengal State 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 modifications in the plant shall be carried but without prior approval of the Ministry of Environment and Forests.	Agreed 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 memo no.131-2N-29/2019(E)-Pt.II dated 16.03.2022.
iii)	The gaseous emissions from various process units shall conform to the load/mass-based standards notified by this Ministry on 19 <sup>th</sup> May, 1993 and standards prescribed from time to time. The State Board may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location.	Being Complied All the necessary measures have been adopted for preventing the gaseous emission in priority basis.
iv)	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, 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.	Being Complied Ambient air quality monitoring is carried out on regular basis for the relevant parameters as specified in the environment clearance i.e. PM10, PM2.5, SO <sub>2</sub> , and NO <sub>x</sub> by NABL/ MoEF&CC accredited laboratory. The reports are regularly being submitted to MOEF and WBPCB. 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. The latest Ambient Air Quality (AAQ) analysis reports (CAAQMS & third party monitoring) are already attached in as <b>Annexure-IV &amp; Annexure-V</b> .
v)	Industrial wastewater shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19 <sup>th</sup> May, 1993 and 31 <sup>st</sup> December, 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.	Being Complied The plant is designed as Zero Discharge Plant. Water in pellet plant is used for cooling purpose and Phenolic water is used for green pellet ball making and in ABC of DRI kiln of OMPL (Unit-I) plant. Domestic waste water is treated in STP of adequate capacity.
vi)	The overall noise levels in and around the	Being Complied



	<p>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>	<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" data-bbox="716 556 1534 703"> <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="6">Ambient</th> <th colspan="2">Source</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						Source		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
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vii)	<p>Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.</p>	<p>Being Complied With</p> <p>Occupational health surveillance of the workers is being periodically accessed and records are being maintained as per the Factories Act 1948. Company is ISO 45001:2018 certified.</p> <p>The OHS record is being enclosed as <b>Annexure-X</b>.</p>																																		
viii)	<p>The company shall develop surface water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.</p>	<p>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 dust suppression, greenbelt development.</p>																																		
ix)	<p>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>	<p>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/CER head.</p> <p>The CSR details are already discussed in <b>point no-xxi</b>.</p>																																		
x)	<p>Requisite amount 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 and Forests 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>	<p>Being Complied</p> <p>An amount of Rs. 12.5 crores and Rs.2.40 crores towards capital cost and annual recurring cost deployed for implementing the environmental protection measures.</p> <p>The details of expenditure incurred in financial year 2023-24 for the operational plants are as follows:</p> <table border="1" data-bbox="716 1640 1534 1955"> <thead> <tr> <th colspan="4">Recurring Cost Incurred on Environmental Safeguard for OMPL-II plant</th> </tr> <tr> <th>Year</th> <th>Particulars</th> <th>Narration</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td rowspan="3">2023-2024 (April to Sept.)</td> <td>Green Belt Development</td> <td>Maintenance, labour cost, etc.</td> <td>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>2,85,000.00</td> </tr> <tr> <td>Analysis &amp; Monitoring of</td> <td>Stack, Fugitive, Ambient, Water</td> <td>2,00,000.00</td> </tr> </tbody> </table>	Recurring Cost Incurred on Environmental Safeguard for OMPL-II plant				Year	Particulars	Narration	Amount	2023-2024 (April to Sept.)	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	2,85,000.00	Analysis & Monitoring of	Stack, Fugitive, Ambient, Water	2,00,000.00																
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<b>TOTAL</b>		<b>1,26,35200</b>												
xi)	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zilla 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 also is put on the website of the company by the proponent.	<p style="text-align: center;">Complied</p> <p>Copies of EC were 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>												
xii)	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 at Bhubaneswar. The respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely PM <sub>10</sub> ,SO <sub>2</sub> ,NO <sub>x</sub> (ambient levels as well as well as stack emissions) or critical sectoral parameters indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	<p style="text-align: center;">Being Complied</p> <p>The status of compliance of the environmental clearance conditions are/ will be uploaded on the website of the company <a href="http://orissametaliks.com/qehs.html">http://orissametaliks.com/qehs.html</a></p> <p>Emission levels of pollutants of different units is displayed on board as per CPCB format issued vide File no-B-29016 NGT/C-10/2020/ WM II/Div./ Dated 20th January 2020 outside the main gate of the plant for disclosure to the public and also uploaded on the website of the company <a href="http://orissametaliks.com/qehs.html">http://orissametaliks.com/qehs.html</a>.</p> <div style="text-align: center;">  <p><b>MANUAL DISPLAY BOARD</b></p> </div> <p>Electronic display board is installed at plant main gate and online stack emission data a CAAQMS data is also being displayed.</p>												
xiii)	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environment conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MOEF, the	<p style="text-align: center;">Being Complied</p> <p>This report is being submitted as compliance to this point.</p> <p>The last compliance reports for the period October, 2022 to March 2023 submitted vide letter no. - OMPL-KGP/ENV COMPL /June-2023 dated</p>												



	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.
xiv)	The environment 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 at Bhubaneswar by e-mail.	Being Complied  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>
xv)	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 and Forests 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 forwards to the Regional office at Bhubaneswar.	Compiled  Advertisement for environment clearance transfer, in two local newspapers that are widely circulated in the region are:  ❖ "Ekdin" (Bengali) dated 07.06.2012  ❖ "Business Standard" (English) dated 07.06.2012
xvi)	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.
<b>F. No. IA3-22/8/2021-IA.III [E 150512] dated 18.07.2022</b>		
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.



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Analysis Report of Gaseous Emission

Sample ID : 170420230020

1. Name of Industry	: M/S. Orissa Metalliks Pvt Ltd.(Unit-II)
2. Address	: NH-6,Vill-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	: 379
7. Name of WBPCB Recognized Laboratory	: M/s. Enviro Cell Laboratory
8. Duration of Sampling	: 30 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-II
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)	: 92.0
21. Flue gas velocity (m/sec)	: 19.48
22. Volume of Flue gas drawn in lit (m <sup>3</sup> )	: 1.02
23. Corrected flue gas volume (Nm <sup>3</sup> )	: 0.9606
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)	: 1.5067
27. Final weight of Thimble (g)	: 1.5345
28. Weight of Particulate Matter (mg)	: 27.80
29. Particulate Matter (mg/Nm <sup>3</sup> )	: 28.94
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 : 19/04/2023

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)



# 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 : 170420230021

1. Name of Industry	: M/S. Orissa Metaliks Pvt. Ltd.(Unit-II)
2. Address	: NH-6,VIII-Gokulpur,PO-Shyamralpur, 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	: 380
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-III
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	: -
20. Flue Gas Temp (°C)	: 97.0
21. Flue gas velocity (m/sec)	: 21.0
22. Volume of Flue gas drawn in lit (m <sup>3</sup> )	: 1.008
23. Corrected flue gas volume (Nm <sup>3</sup> )	: 0.9463
24. Percentage CO <sub>2</sub> and or O <sub>2</sub>	: CO <sub>2</sub> -8.8% & O <sub>2</sub> -10.6%
25. To be compensated at (% if required)	: -
26. Initial weight of Thimble (g)	: 1.4662
27. Final weight of Thimble (g)	: 1.4926
28. Weight of Particulate Matter (mg)	: 26.40
29. Particulate Matter (mg/Nm <sup>3</sup> )	: 27.90
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) 2. Chief Engineer (Planning)  
3. Chief Scientist 4. Haldia Regional Office (2 copies)

# ANNEXURE-II

Close

**ORISSA METALIKS PRIVATE LIMITED UNIT-II (Previously Known as Rashmi Metaliks Limited)** STACK 1 Pellet Plant I\_OML\_Unit II  
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

Select All

PM

Time Range

Use Date Range

Data Type

All Data

START DATE

2023-04-01

END DATE

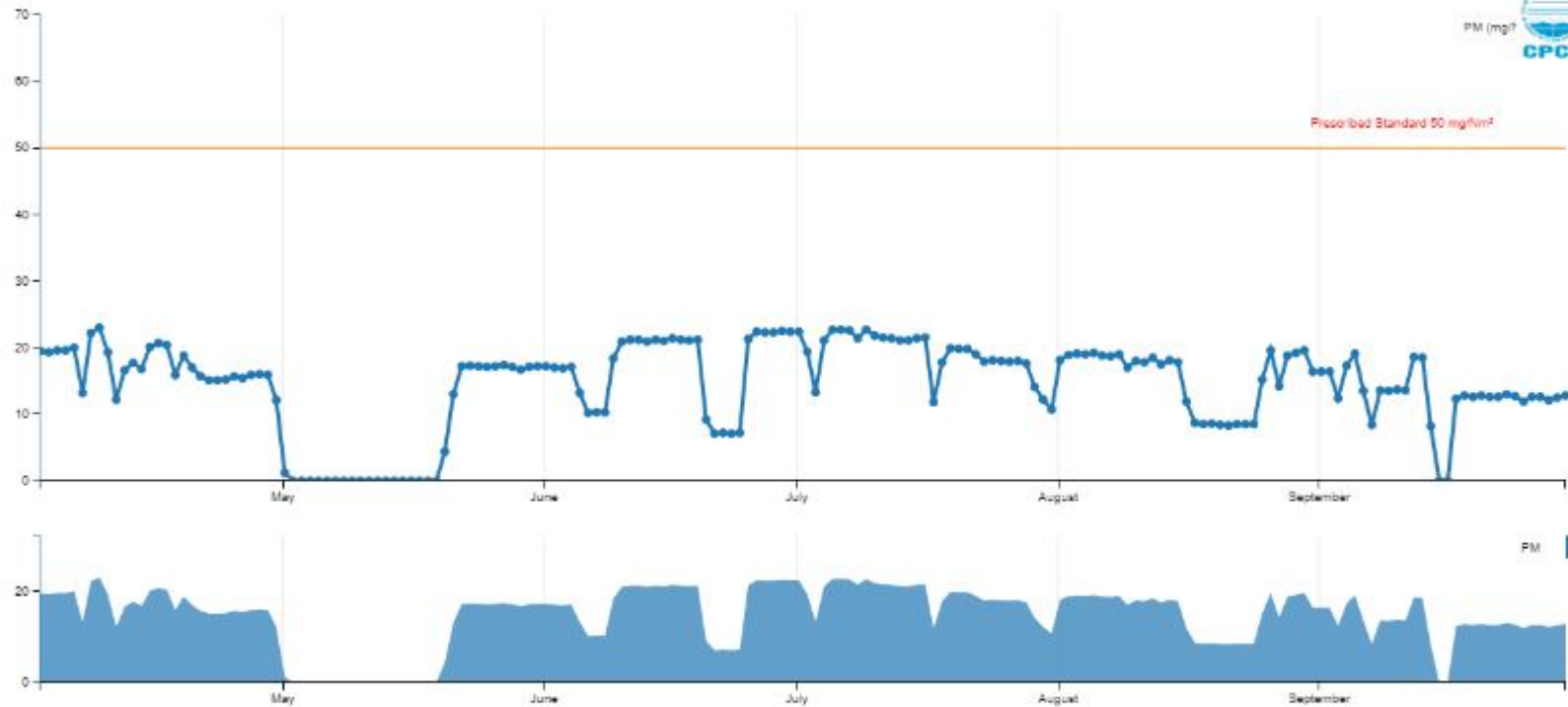
2023-09-30

Average Duration

daily

Submit

PRINT





Close(X)

**ORISSA METALIKS PRIVATE LIMITED UNIT-II (Previously Known as Rashmi Metaliks Limited)** STACK 2 Pellet Plant III\_OML\_Unit II

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

Select All

PM

Time Range

Use Date Range

Data Type

Good Data

START DATE

2023-04-01

END DATE

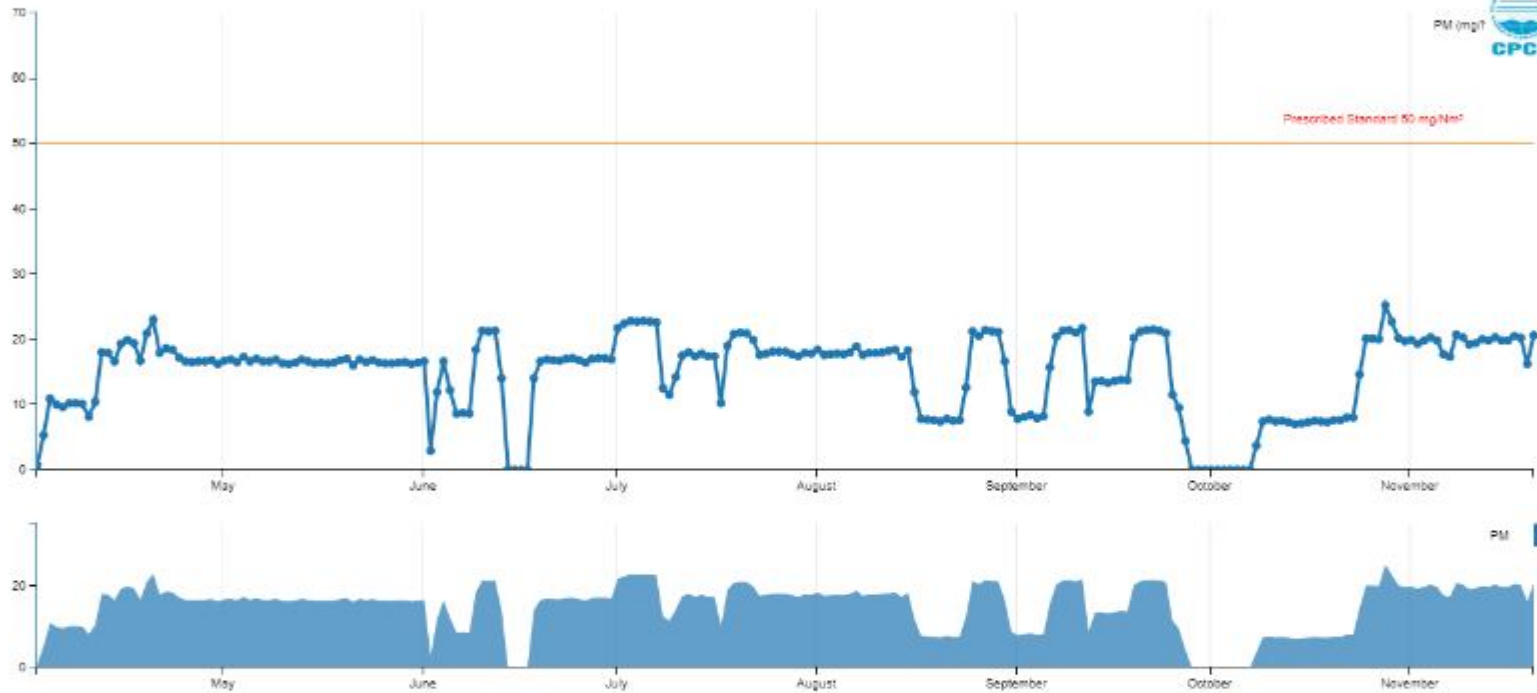
2024-09-30

Average Duration

daily

Submit

PRINT



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

1 a)	Name of the Project :	M/s Orissa Metaliks Private Limited (II)- <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



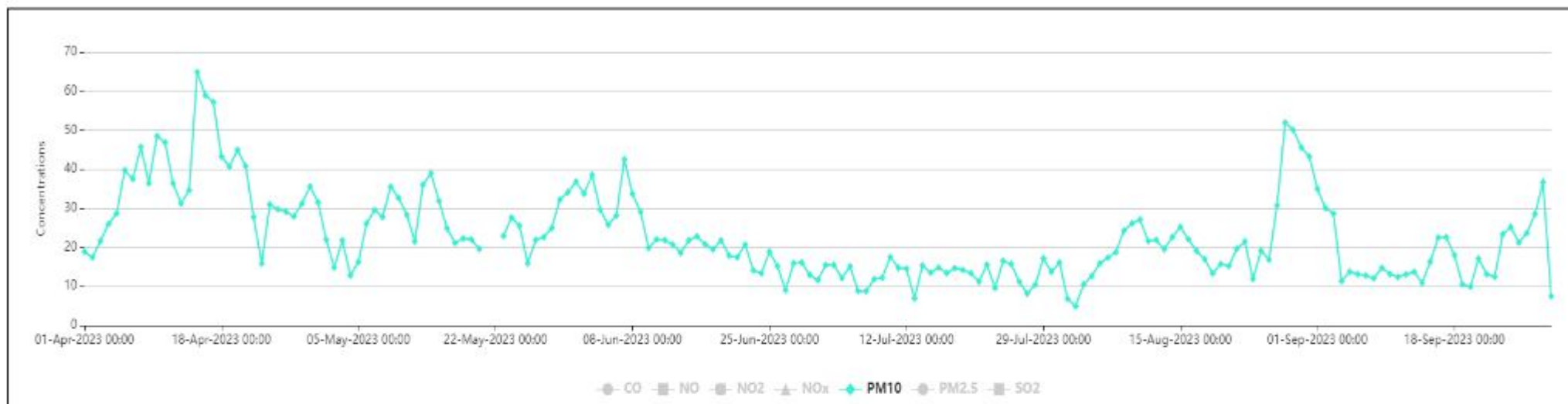
	c	Voluntarily in no. for green belt development in nearby area (Oct. 2022-March 2023)	Nil															
8	a	<b>Details of plantations</b>																
		Plantation details (category wise & methodology used)	Year of plantation  2023-2024(October-March)	Species Planted		Quantity												
				MALAYASIAN 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	--															



## CAAQMS DATA (APRIL 2023 to SEPTEMBER 2023)

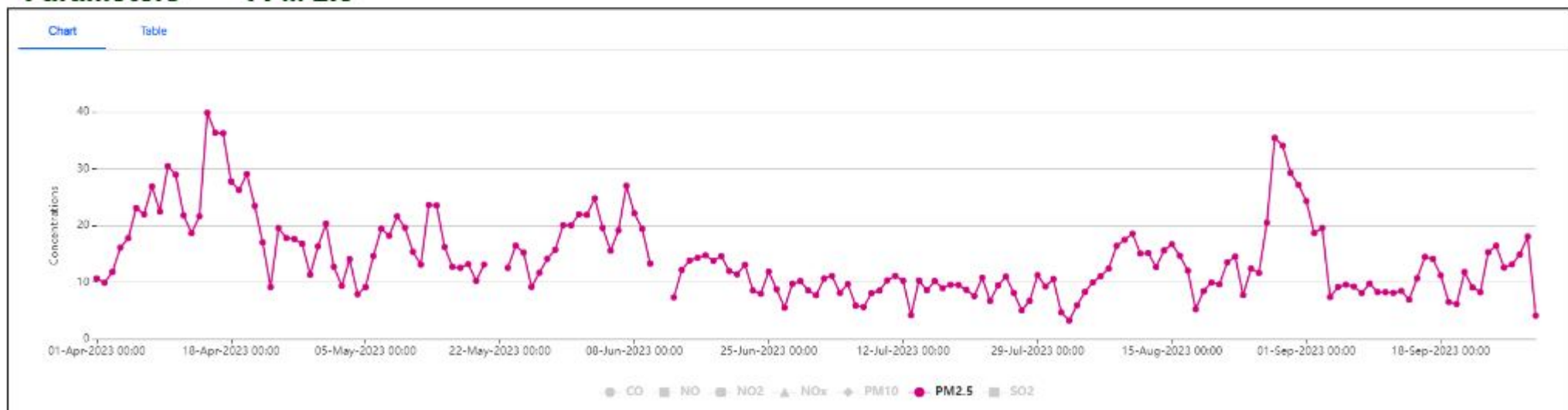
**Location : Kalyanpur Village**

**Parameters : PM 10**



**Location : Kalyanpur Village**

**Parameters : PM 2.5**



# CAAQMS DATA (APRIL 2023 to SEPTEMBER 2023)

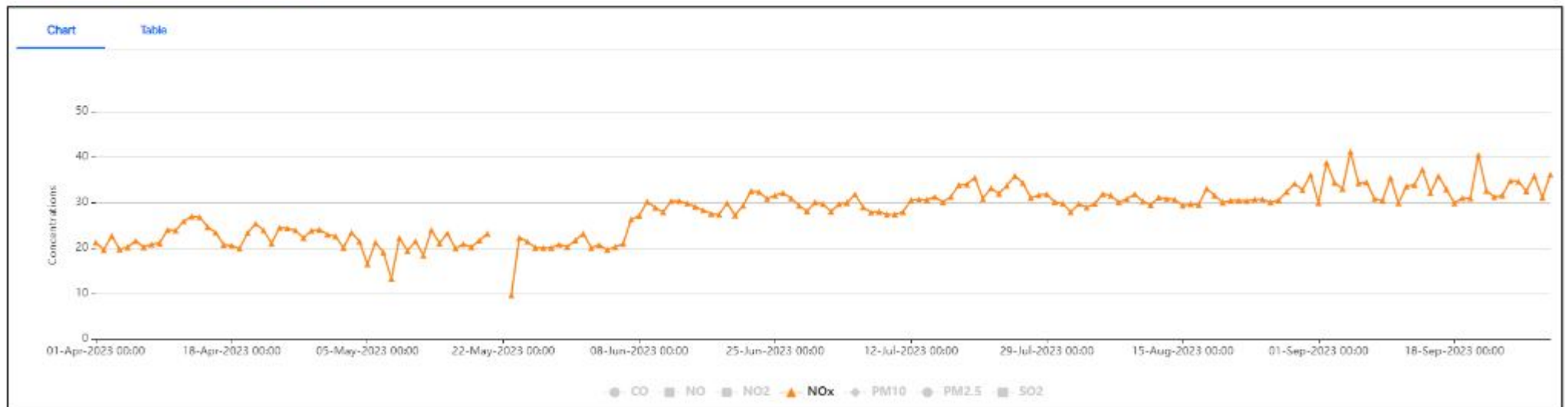
**Location : Kalyanpur Village**

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



**Location : Kalyanpur Village**

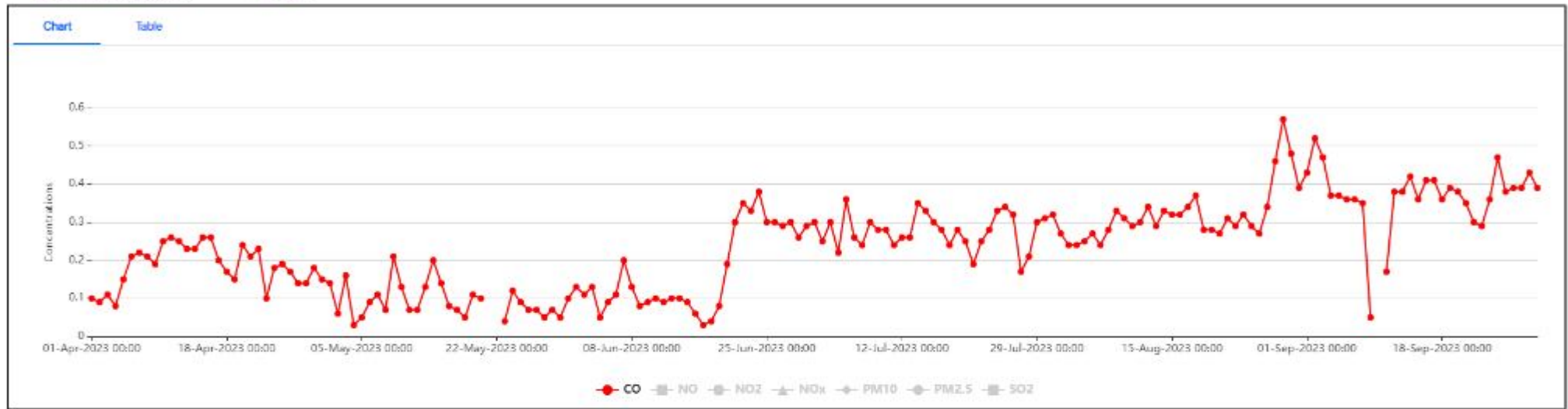
**Parameters : NO<sub>x</sub>**



# CAAQMS DATA (APRIL 2023 to SEPTEMBER 2023)

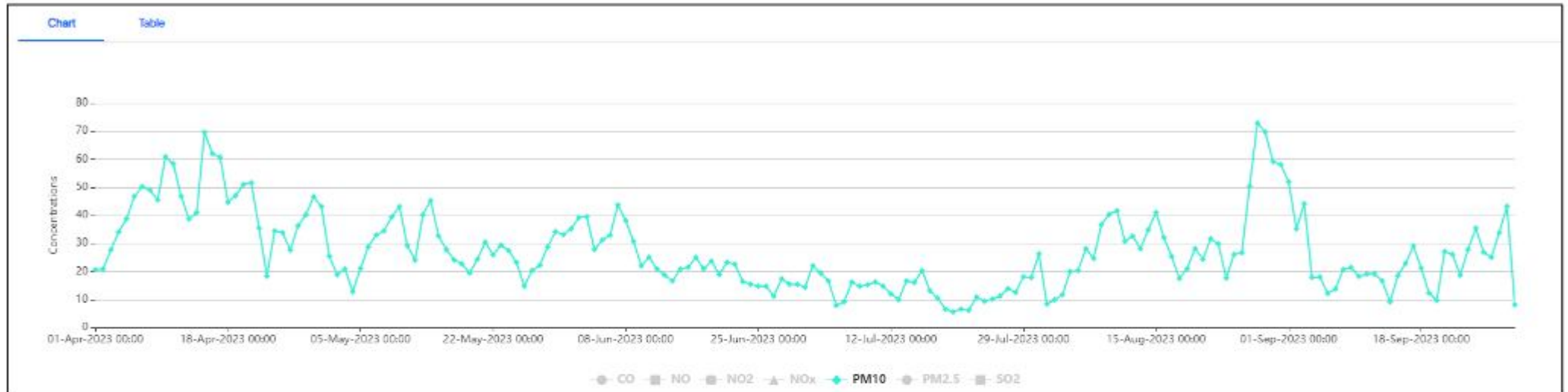
**Location** : Kalyanpur Village

**Parameters** : CO

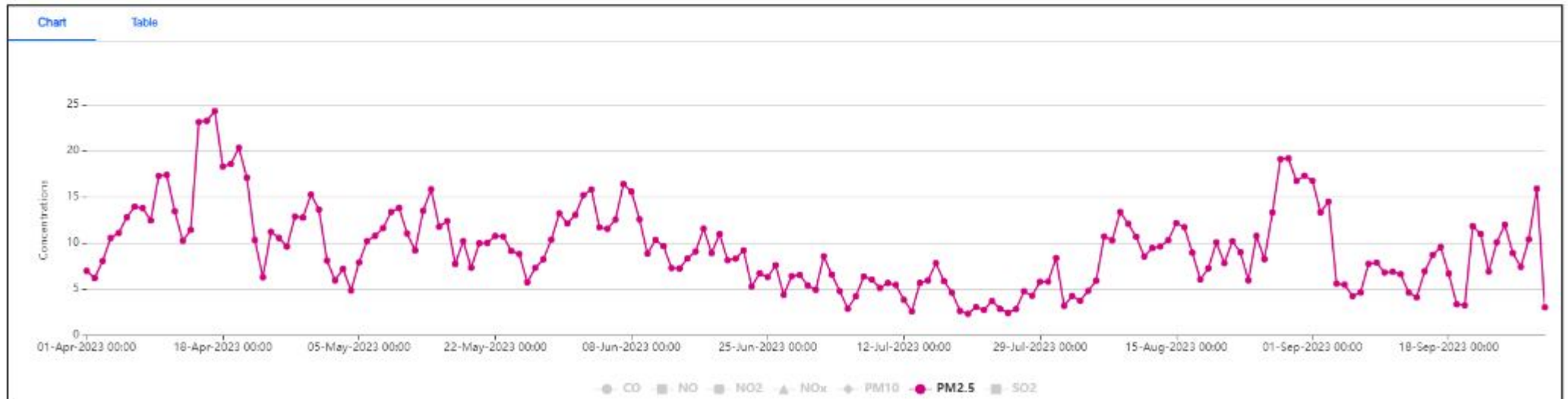


# CAAQMS DATA (APRIL 2023 to SEPTEMBER 2023)

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

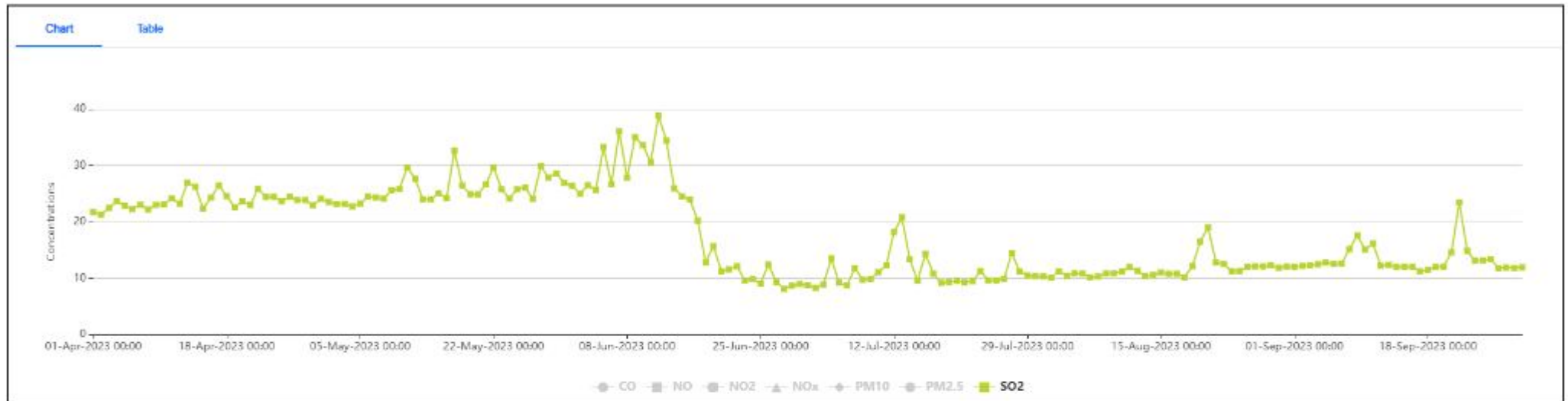


**Location : Panchrulia Station**  
**Parameters : PM 2.5**



# CAAQMS DATA (APRIL 2023 to SEPTEMBER 2023)

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



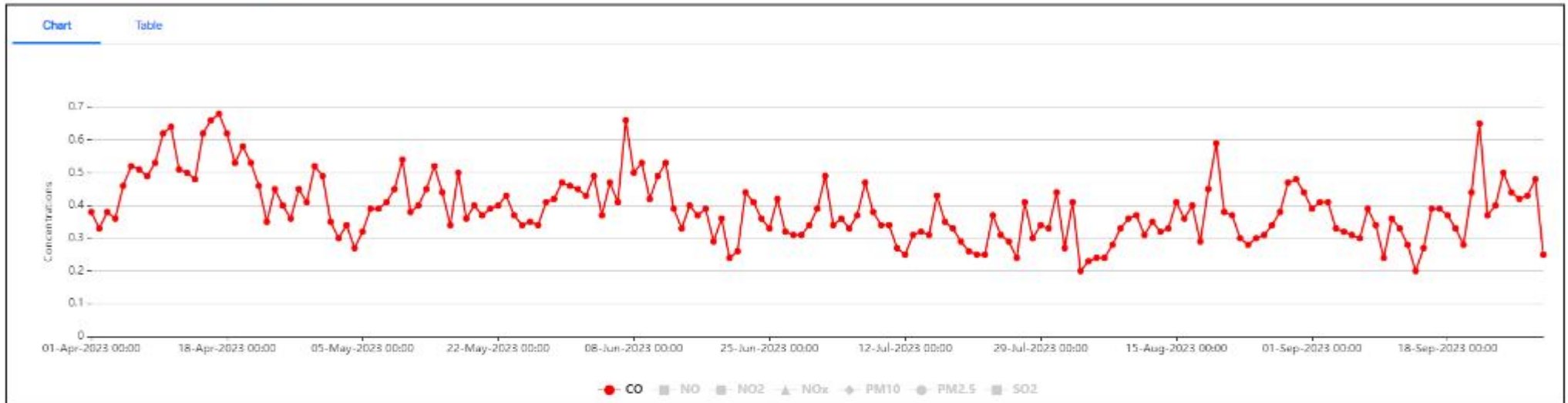
**Location : Panchrulia Station**  
**Parameters : NO<sub>x</sub>**





# CAAQMS DATA (APRIL 2023 to SEPTEMBER 2023)

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



# CAAQMS DATA (APRIL 2023 to SEPTEMBER 2023)

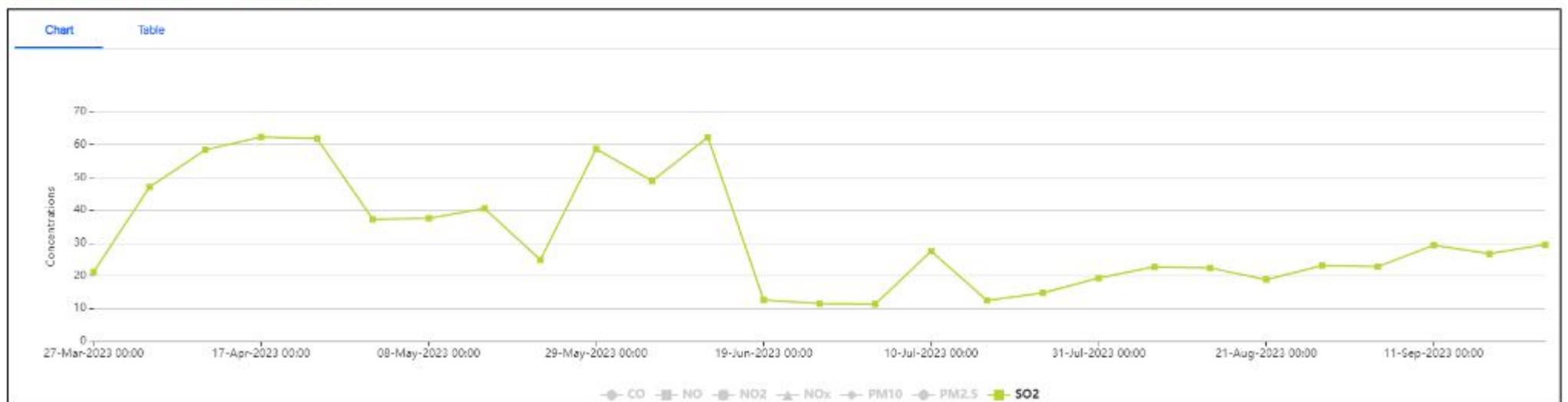
**Location : Barkola Station**

**Parameters : PM 2.5**



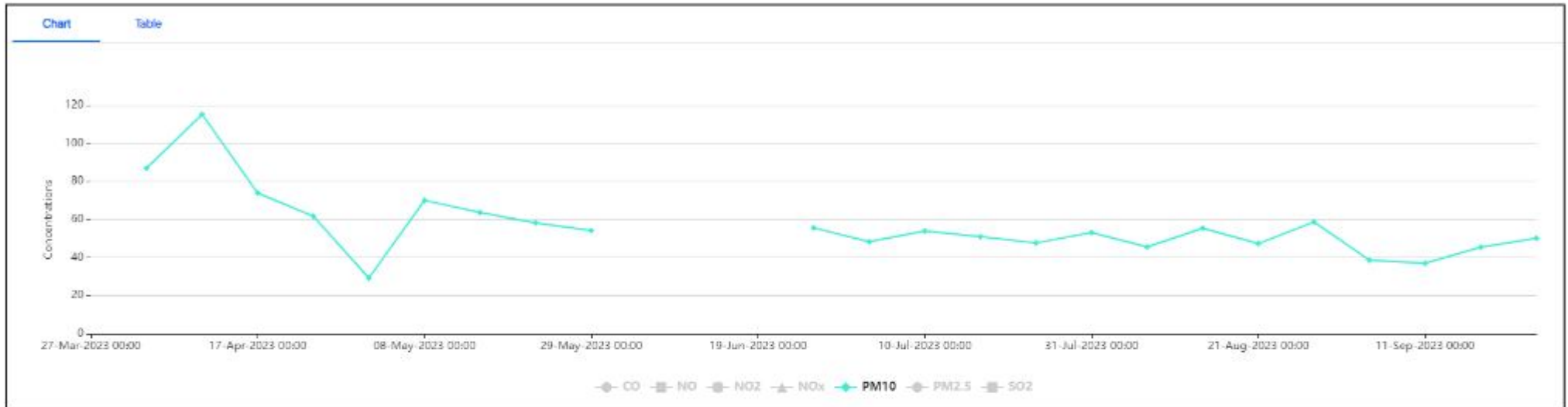
**Location : Barkola Station**

**Parameters : SO2**

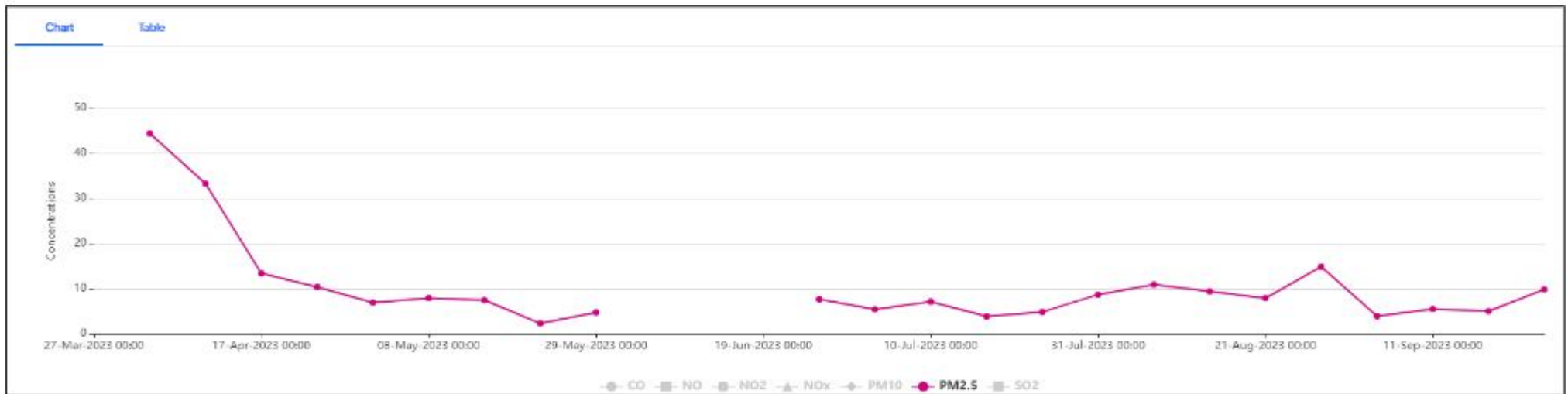


# CAAQMS DATA (APRIL 2023 to SEPTEMBER 2023)

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

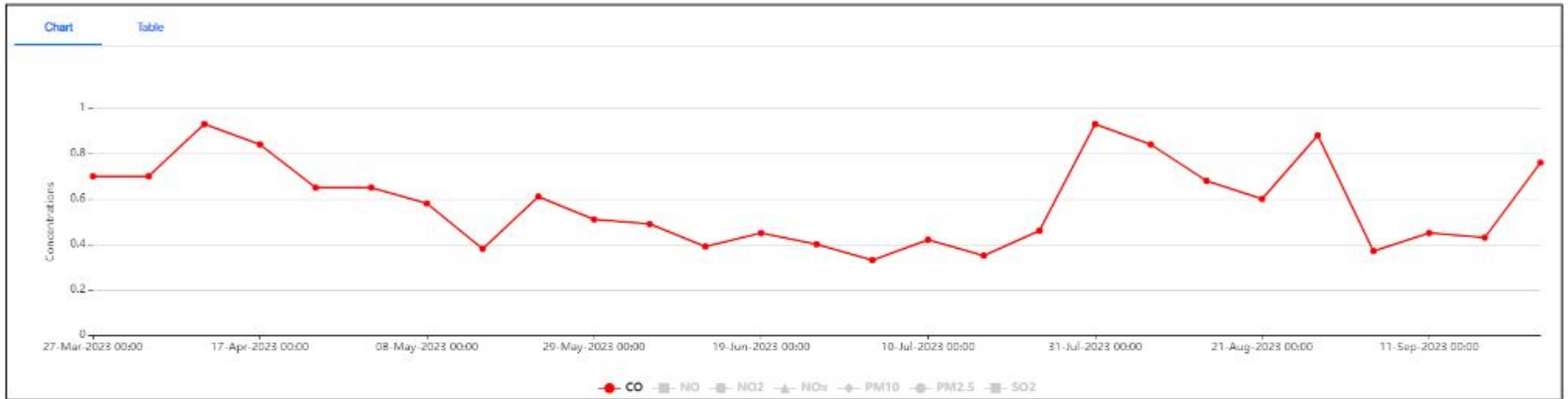


**Location : Rajogram Station**  
**Parameters : PM2.5**

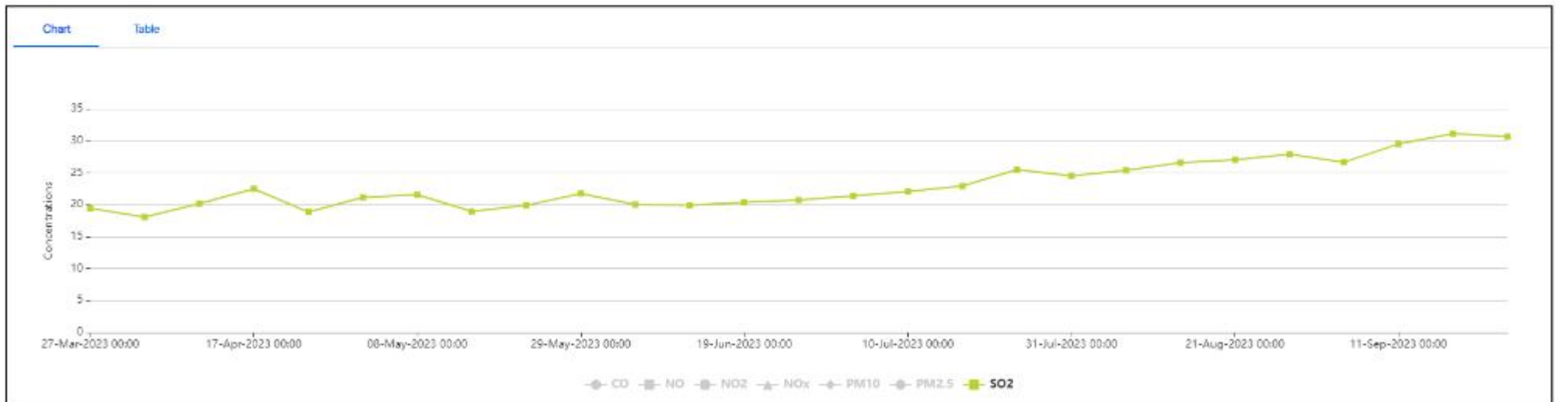


# CAAQMS DATA (APRIL 2023 to SEPTEMBER 2023)

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



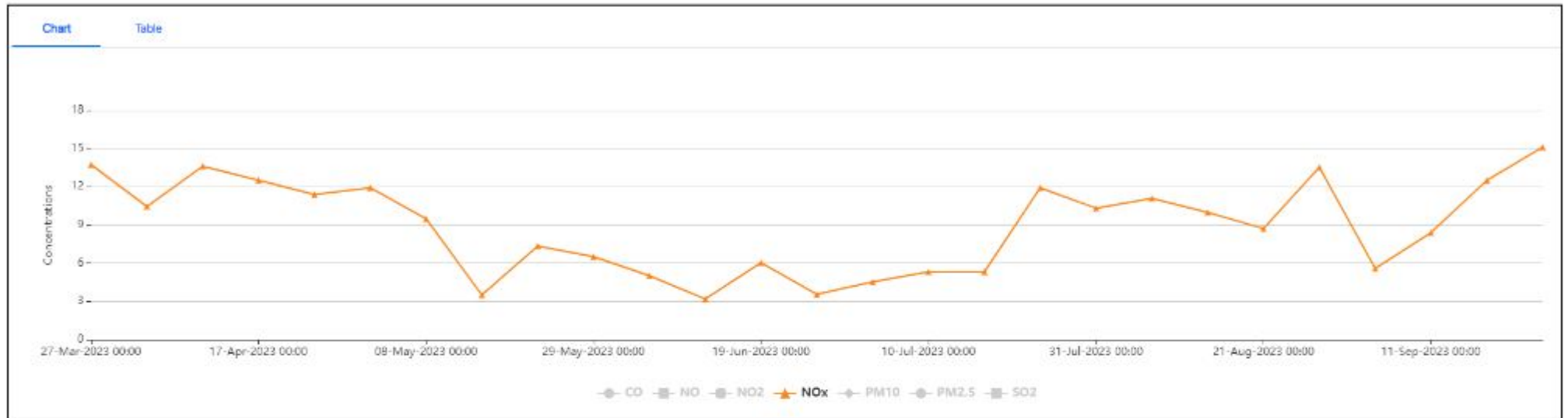
**Location** : Rajogram Station  
**Parameters** : SO2



# CAAQMS DATA (APRIL 2023 to SEPTEMBER 2023)

**Location : Rajogram Station**

**Parameters : NOx**





# GREENVISION

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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 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

- 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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3. Retention period of tested sample (Filter Paper) is 6 months from the date of issue test report unless otherwise specified.



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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



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 ( $^{\circ}\text{C}$ ) : 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>	$\mu\text{g}/\text{m}^3$	69.18	IS : 5182 (Part 23),2006
02.	Concentration of PM <sub>2.5</sub>	$\mu\text{g}/\text{m}^3$	35.83	EPA CFR – 40 (pt 50) Appendix – 1 : 2003
03.	Concentration of SO <sub>2</sub>	$\mu\text{g}/\text{m}^3$	8.05	IS : 5182 (Part 2),2006
04.	Concentration of NO <sub>2</sub>	$\mu\text{g}/\text{m}^3$	31.62	IS : 5182 (Part 6),2006
05.	Concentration of CO	$\text{mg}/\text{m}^3$	0.178	IS 5182 [Part 10] : 1999 Reaffirmed 2005

Limit : ( $\mu\text{g}/\text{m}^3$ ) 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 ( $\text{mg}/\text{m}^3$ )

Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager

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

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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



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

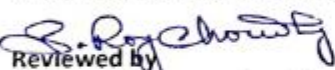
Average Temperature (°C)	: 29.2
Average Relative Humidity (%)	: 72.0
Barometric Pressure (mm of Hg)	: 756.0
Smell or Odour	: No Remarkable Smell
Weather Condition	: Clear Sky

### 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

- 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



TC-11003

## TEST REPORT OF FUGITIVE AIR ANALYSIS

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

U.L.R. No. : TC1100323000000445F

Sample is drawn by M/s. Greenvision

Report No. : GV/AR/23-24/234  
 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 I & II  
 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(4)  
 Report Date : 05.10.2023  
 Date of Sampling : 20.09.2023  
 Date of Receiving : 22.09.2023  
 Analysis Started On : 23.09.2023  
 Analysis Completed On : 25.09.2023  
 Time of Sampling : 10:10 am to  
 06:10 pm

### A. METROLOGICAL INFORMATION

Average Temperature (°C) : 29.5  
 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>	492.08	IS : 5182 (Part 4),1999
02.	Concentration of SO <sub>2</sub>	µg/m <sup>3</sup>	8.05	IS : 5182 (Part 2),2006
03.	Concentration of NO <sub>2</sub>	µg/m <sup>3</sup>	31.62	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.

*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 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  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager

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

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## TEST REPORT OF FUGITIVE AIR ANALYSIS

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

Sample is drawn by M/s. Greenvision

U.L.R. No. : TC1100323000000449F

Report No. : GV/AR/23-24/238  
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 : Iron Ore Beneficiary Area  
Sample Condition : In GMF Filter Paper & Plastic Bottle  
Location of Testing : At Laboratory  
Sampling Method : CPCB, Emission Regulation (Part III)

Sample Ref. ID : AS-157-2023(8)  
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 : 10:15 am to  
06:15 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	$\mu\text{g}/\text{m}^3$	396.13	IS : 5182 (Part 4),1999
02.	Concentration of SO <sub>2</sub>	$\mu\text{g}/\text{m}^3$	8.05	IS : 5182 (Part 2),2006
03.	Concentration of NO <sub>2</sub>	$\mu\text{g}/\text{m}^3$	31.62	IS : 5182 (Part 6),2006

Limit : ( $\mu\text{g}/\text{m}^3$ ) TSPM – 2000, SO<sub>2</sub> – 80, NO<sub>2</sub> – 80

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

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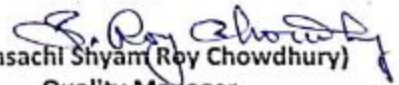


TC-11003

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

*S. Shyam Roy Chowdhury*  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager  
Authorised Signatory  
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

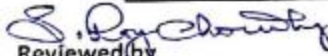
Type of Sample : Industrial Waste Water

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  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager

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

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Page 1/1

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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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TC-110G3

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

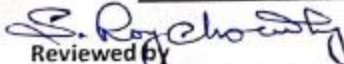
Type of Sample : Industrial Waste Water

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

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





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## TEST REPORT OF NOISE LEVEL MONITORING

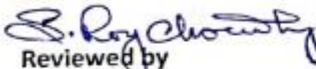
FORMAT NO. : GV/LAB/FM/33N


U.L.R. No. : TC1100323000000451F

Sample is drawn by : M/s. Greenvision  
Report No. : GV/NL/23-24/070  
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 : Shyamraipur Village  
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

Sample Ref. ID : NLM-057-2023(1)  
Report Date : 05.10.2023  
Date of Sampling : 20.09.2023  
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.
62.5	55.4	59.1	53.3	47.6	50.0

  
Reviewed by  
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Quality Manager

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

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TC-11003

## TEST REPORT OF NOISE LEVEL MONITORING

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

Sample is drawn by : M/s. Greenvision U.L.R. No. : 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 &  
Dist. : Paschim Medinipur, Pin : 721301, W.B. 21.09.2023  
Sample Description : Noise Level Total Time : 1 Hr.  
Sampling Location : Truck Parking Area Sampling Method : IS : 9989 :1981  
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

  
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## TEST REPORT OF NOISE LEVEL MONITORING

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


U.L.R. No. : TC110032300000453F

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  
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Quality Manager

  
(Sabyasachi Shyam Roy Chowdhury)  
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For, GREEN VISION

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# GREENVISION

(A leading environmental research laboratory)

Recognized by West Bengal Pollution Control Board

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



## TEST REPORT OF NOISE LEVEL MONITORING

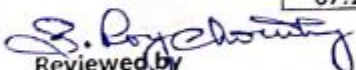
FORMAT NO. : GV/LAB/FM/33N

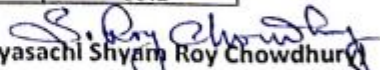
U.L.R. No. : TC1100323000000454F

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

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

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



TC-11003

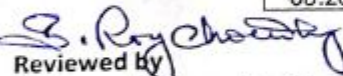
## TEST REPORT OF NOISE LEVEL MONITORING

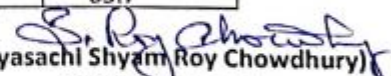
FORMAT NO. : GV/LAB/FM/33N

Sample is drawn by : M/s. Greenvision  
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

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

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# ANNEXURE-X

## 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		
26	Sheet Operations	Rajib Dolai 30649	M	14-01-1997	Sr Operator	26-08-2016	22-09-23	BE < 6/6	SAS	FIT
27	Bamification Operator	Biswajit Sazkar 30140	M	05-02-1980	Sr Operator	02-01-2016	22-09-23	BE < 6/6	SAS	FIT
28	Bamification (E.I)	Ajit Kumar 32869	M	04-06-1988	Jr Operator	18-05-2021	22-09-23	BE < 6/6	SAS	FIT
29	Bamification (E.I)	Birash Meidi 33332	M	15-02-1996	Engineer	01-04-2022	22-09-23	BE < 6/6	SAS	FIT
30	Bamification mechanical	Biswajit Mahanta 32473	M	15-06-2000	Technician	18-08-2020	22-09-23	BE < 6/6	SAS	FIT

Dr. ....  
 Regd. no. ....  
 (Ophthalmologist)  
 Rqno - 42401  
 Ophthalmologist Sing. of Seal





FORM NO. 17

### HEALTH

1. Serial No. in the Register of adult worker: 31637  
 2. Name of worker: AVISH EK KUMAR DAS  
 3. Sex: MAL

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

1	2	3	4	5	6	7	8	9
Class/Trade	Name of Machine/Process	Particulars of duties	Hours of job or occupation	Age, maturity, grade or experience (Specify in months or years)	Date of joining	Date of leaving	Reason for absence (Specify in other column)	Remarks and conditions (Specify in other column)
<u>Worker - Electrical</u>			<u>G-E-T</u>		<u>25-06-78</u>			
<u>Worker - Electrical</u>			<u>G-E-T</u>		<u>25-06-78</u>			

Form No. 17 - Register of adult worker for medical examination.  
 1. This form should be filled by the employer.  
 2. This form should be kept by the Registrar.

### REGISTER

No. 10/67/1976

As amended vide Notification No. 1183-LW-IB-131 dated 27th Nov. 1981

4. Date of birth: 19-07-1976

5. Medical examination and the results thereof

If declared unfit for work

1	2	3	4	5	6	7
Name of worker	Age	Period of Employment	Reason for unfit	Date of leaving	Date of joining	Remarks
<u>AVISH EK KUMAR DAS</u>	<u>25</u>	<u>25-06-78</u>	<u>Fit</u>			
<u>AVISH EK KUMAR DAS</u>	<u>25</u>	<u>25-06-78</u>	<u>Fit</u>			

*Handwritten signatures and stamps:*  
 DR. M. K. SARKAR  
 DR. M. K. SARKAR  
 DR. M. K. SARKAR

FORM NO. 17

HEALTH

1. Serial No. in the Register of adult workers: 2759  
 2. Name of worker: ASHIS MAITY  
 3. Sex: MALE

[ Prescribed under Rules 63 & 64 of the West Bengal Factories Rules 1938 ]

REGISTER

as amended vide Notification No. 1031-LW/38-5/91 dated 27th Nov. 1991  
 4. Date of birth: 02.09.1979  
 5. Medical examination and the results thereof

If declared unfit for work

1	2	3	4	5	6	7	8	9
Description of work	Name of Employer/Factory	Address of Employer/Factory	Name of the worker as registered in	Date of joining	Date of leaving	Reason for absence of worker for work	Sign and name and official designation of the medical officer	
FOURTH FLOOR CLERK			AS T	15/7/79				
FOURTH FLOOR OPERATOR			AS T	15-07-79				

10	11	12	13	14	15	16
Medical certificate number	Sex	Period of incapacity sustained from the work	Reason for such incapacity	Date of resumption of work	Date of expiry of medical certificate	Signature and date of the Medical Officer in charge of the factory
DR-17/80-007/AS-75 W-6809-PAS-24-0480 Group - B1-001 FF-118-98 REG-47110-BC-466	FE					<i>[Signature]</i> DR. B. K. SARKAR M.B.B.S. D.M.D. GOVT. MEDICAL COLLEGE 28/7/79
DR-120/80-007 R-3210 W-3009-RMS-29-0504 REG-47110-FF-4016	FE					<i>[Signature]</i> DR. B. K. SARKAR M.B.B.S. D.M.D. GOVT. MEDICAL COLLEGE 28/7/79

Point 1. - Signature must always be witnessed for individual worker  
 2. First entry should be made for each examination.

FORM NO. 17

**HEALTH**

1. Serial No. in the Register of able worker: 21995 [Prescribed under Rules 61 & 91 of the West Bengal Factories Rules 1918]  
 2. Name of worker: RAJESH KUMAR SAHOO  
 3. Sex: Male

1	2	3	4	5	6	7	8	9
Description of work	Name of the job or grade	Particulars of the job or grade	Nature of job or occupation	Are materials produced or transported likely to be shifted to	Date of joining	Date of leaving	Reason for transfer of worker to other work	Sign and name of employer during attendance
<u>Work - 3</u> <u>Mechanical</u>			<u>Engineer</u>		<u>05.04.1971</u>			
<u>Work - 4</u> <u>Mechanical</u>			<u>Engineer</u>		<u>05.04.1971</u>			

Note - 1. Reason for absence to be mentioned for industrial worker.  
 2. Final entry should be made for each examination.

**REGISTER**

No.

- as amended vide Notification No. 1113-LW-88-1/91 dated 27th Nov. 1991  
 4. Date of birth: 09.06.1972  
 5. Medical examination and the results thereof

If declared unfit for work

1	2	3	4	5	6	7
Name of worker & trade or work	Trade or work	Period of temporary suspension from the work	Reason for such suspension	Date of resumption for work or date of exit	Date of expiry of suspension Certificate	Signature with date of the Medical Officer/Officer in Charge of the Factory
<u>RAJESH KUMAR SAHOO</u> <u>MECHANICAL</u>	<u>Engineer</u>					<u>RAJESH KUMAR SAHOO</u> <u>05.04.1971</u>
<u>RAJESH KUMAR SAHOO</u> <u>MECHANICAL</u>	<u>Engineer</u>					<u>RAJESH KUMAR SAHOO</u> <u>05.04.1971</u>

RAJESH KUMAR SAHOO  
 05.04.1971  
RAJESH KUMAR SAHOO  
 05.04.1971  
 DR. B. DASGUPTA  
 M.D. (Gen. Practitioner)  
 64-60, Chhatra Ganga

FORM NO. 17

HEALTH

1. Serial No. in the Register of adult workers: 22267  
 2. Name of worker: MEENA DEY  
 3. Sex: Male

[ Prescribed under Rules 43 & 44 of the West Bengal Factories Rules 1950 ]

1	2	3	4	5	6	7	8	9
Employer's name	Name of factory premises	Designation of worker	Section of line of establishment	Date medically examined in accordance with the rules	Date of joining	Date of being engaged in the work	Reason for discharge (except in case of death)	Spots and conditions observed during examination
POULSA'S Elevators		Engineer		15.03.73				
Indal's Elevators		Engineer		15.03.73				

REGISTER

as amended vide Notification No. 1183-LW-DB-1/81 dated 21st Nov. 1981

4. Date of birth: 04-08-1954

5. Medical examination and the results thereof

If discharged unfit for work

1	2	3	4	5	6	7
Period of absence from work	Result of examination	Period of temporary withdrawal from the work	Reasons for such withdrawal	Date of absence from work for the work	Date of being engaged in the work	Remarks with date of the Medical Officer of the Local Health Officer
	BP-115/75 mm Hg, HR-80, P.S.-100 mm Hg, G.R.-0, (Hb-14.5), R.F.R.-570 L/M, P.R.-50, P.E.-0, A.L.					Dr. D. C. DASGUPTA, M.B.B.S. DISTRICT OFFICE, 25, B. C. ROAD, CALCUTTA-700 002
	BP-116/76 mm Hg, HR-90, M-2000, R.R.-100, P.R.-50, A.L.-0, P.E.-0, A.L.-0, P.E.-0, A.L.-0					Dr. D. C. DASGUPTA, M.B.B.S. DISTRICT OFFICE, 25, B. C. ROAD, CALCUTTA-700 002

Remarks: 1. Signature must be obtained for individual entries.  
 2. These entries must be made for each examination.

**FORM NO. 17** **HEALTH**  
 1. Serial No. in the Register of adult worker: **20185**  
 2. Name of worker: **SUMITRA DAS**  
 3. Sex: **Male**

[ Prescribed under Rules 62 & 64 of the West Bengal Factories Rules 1950 ]

Department	Name of the establishment	Designation	Name of the supervisor	Date of joining	Time of leaving	Reason for absence	Particulars of absence
				26-04-16			
				01-05-16			

**REGISTER**  
 as amended vide Notification No. 1113-LW-15-156 dated 25th Nov. 1951  
 4. Date of birth: **09.02.1949**  
 5. Medical examination and the results thereof

If declared unfit for work

Particulars of medical examination	Result	Particulars of any special examination	Reason for being declared unfit for work	Date of being declared unfit for work	Date of being declared fit for work	Signature and name of the Medical Officer
BB-120 (S) monthly filter-20 RBS 24 mg/dl, SB 28 mg PER-520 (P.E.-250) M Group-O (iv) B.C. 6	Fit					
BB-120 (S) monthly filter-20 RBS 24 mg/dl, SB 28 mg PER-520 (P.E.-250) M Group-O (iv) B.C. 6	Fit					

*Sumit*  
 21st Dec 1951  
 B.S.S. (V.V.C.)  
 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

Note: - Report must be submitted for medical fitness  
 & Particulars must be kept for each examination

FORM NO. 17

**HEALTH**

1. Serial No. in the Register of adult worker: 26330 [ Prescribed under Rules 43 & 44 of the West Bengal Factories Rules 1950 ]  
 2. Name of worker: BIJAJIT SARKAR  
 3. Sex: MALE

Department	Name of the worker	Designation	Kind of job or occupation	Has medical certificate or certificate issued by the employer?	Date of issue	Date of expiry of certificate	Period for which certificate is valid	Remarks
Production		Senior operator			12-11-16			
Production (foundry)		Senior operator			02-01-15			

**REGISTER**

as amended vide Notification No. 1133-LW-38-051 dated 27th Nov. 1991  
 4. Date of issue: 06-02-1980  
 5. Medical examination and its results thereof

Particulars of worker	Rank	Period of Exemption or special leave	Reason for work withdrawal	Date of expiry of certificate	Date of issue of certificate	Signature and name of the Medical Officer in Charge
BP-130/55 mm Hg HR-78 Temp- 98.6 F P-R-T- normal PRE- 40/100/6	HT					<i>B. S. SARKAR</i> MEDICAL OFFICER IN CHARGE REG NO. 155/15
BP-130/80 mm Hg HR-75 Temp- 98.6 F P-R-T- normal PRE- 40/100/6	HT					<i>B. S. SARKAR</i> MEDICAL OFFICER IN CHARGE REG NO. 155/15

1. This form should be maintained for individual workers.  
 2. This form should be made for each establishment.

FORM NO. 17

HEALTH

1. Serial No. in the Register of adult worker: 37567

[ Prescribed under Rules 63 & 91 of the West Bengal Factories Rules 1950 ]

2. Name of worker: AYIJIT KARAM

3. Sex: MALE

Department	Name of Machine	Register Number	Name of Job	Age	Date of Birth	Height	Weight	Remarks for inclusion or exclusion from the register	Sign and date of the Medical Officer
Electrical			Technician		18-5-74				
Electrical			Technician		18-5-74				

Note: - Register may be maintained for individual worker.  
 2. Each entry should be made for each occupation.

REGISTER

No.

as amended with Notification No. 183-LWR-1/91 dated 24th Nov. 1991

4. Date of birth: 05-05-1974

5. Medical examination and the results thereof

If declared unfit for work

Particulars of work	Rank	Period of absence	Reason for absence	Date of return	Signature and date of the Medical Officer
BP-11820-4000 PWR-24	Fit				
Group A PWR-2400 PWR-24					
W-1-1000 PWR-2400					
PWR-2400 PWR-24					
BP-11820-4000 PWR-24	Fit				
W-1-1000 PWR-2400					
W-1-1000 PWR-2400					
W-1-1000 PWR-2400					

*Dr. S. K. Sanyal*  
 1. Jyoti Sanyal  
 2. Jyoti Sanyal  
 3. Jyoti Sanyal  
 4. Jyoti Sanyal  
 5. Jyoti Sanyal  
 6. Jyoti Sanyal  
 7. Jyoti Sanyal  
 8. Jyoti Sanyal  
 9. Jyoti Sanyal  
 10. Jyoti Sanyal

FORM NO. 17

**HEALTH**

1. Serial No. in the Register of adult worker: 37495 [Described under Rules 63 & 64 of the West Bengal Factories Rules 1918]  
 2. Name of worker: BISWAJIT MAHATA  
 3. Sex: MALE

Department Work	Name of plant or mine	Division Branch Station	Name of job or occupation	Are materials, articles or substances used in the work?	Date of joining	Date of leaving work	Name of doctor employed in the factory	Name of a registered physician employed in
Construction Masonry			Senior Technician		15-6-20			
Construction Masonry			Senior Technician		15-6-20			

**REGISTER**

as amended vide Notification No. 1183-LW-DR-151 dated 21st Nov. 1951  
 4. Date of birth: 15-04-2000  
 5. Medical examination and the results thereof

Name of an adult worker	Age (Years)	Date of Examination in which examined worker	Reason for not examined	Date of returning for next exam	Date of leaving work	Signature of the doctor employed in the factory
BP-122/22 mang. feld. 24	47					<p><i>Handwritten signature</i>                  DR. B. K. SINGH                  M.B.B. D.M.S.                  C. M. S. CALCUTTA                  Reg. No. 2000/19                  2013/13</p>
RNS-76 mang. 201-689 GENT. 8 Mang. DE-520/4 PRE-202/1102/6						
RP-124120-22 A 941 CAG-113-1124 20-2009 AM-100 PRE-520/4 PRE-202/1102/6						<p><i>Handwritten signature</i>                  DR. B. K. SINGH                  M.B.B. D.M.S.                  C. M. S. CALCUTTA                  Reg. No. 2000/19                  2013/13</p>

Notes: 1. Separate page should be furnished for additional entries.  
 2. Each entry should be made in ink for each examination.



FORM NO. 17

**HEALTH**

1. Serial No. in the Register of adult worker: 31485  
 2. Name of worker: RAJESH KUMAR  
 3. Sex: MALE

[Prescribed under Rules 62 & 94 of the West Bengal Factories Rules 1950]

Occupational Hazards	Name of Employer	Designation of Worker	Place of work or residence	Present address, or place of residence, or place to be notified to	Date of Birth	Date of joining the factory	Reason for discharge or cessation of work	Signature of worker or person in his behalf
1	2	3	4	5	6	7	8	9
Metallurgical			Indrapur		01-07-10			
Construction		Foreman			01-07-10			

**REGISTER**

No.

is entered vide Notification No. 1133-L/WHR-0/91 dated 25th Nov. 1991  
 4. Date of birth: 01.07.1950  
 5. Medical examination and the results thereof

If declared unfit for work

Name of worker	Health Status	Period of suspension and date of return to work	Reason for such suspension	Period of absence from work	Date of return to work	Signature and Date of the Medical Officer
10	11	12	13	14	15	16
BP-135/85 mm Hg. P 70/40 HR-78 bpm. GR-0.8 (M) RAS-76 mmHg. PVR-1/20 PVR-0.8/1.0 mmHg	Fit					DR. B. C. SAHA M.D. (G) - 1950 D. B. S. College 23/5/93
BP-140/90 mm Hg. P 90/60 HR-78 bpm. GR-0.8 (M) RAS-76 mmHg. PVR-1/20 PVR-0.8/1.0 mmHg	Fit					DR. B. C. SAHA M.D. (G) - 1950 D. B. S. College 23/5/93

Note - 1. Signature of worker to be submitted for industrial worker.  
 2. First entry should be made for each examination.

FORM NO. 17

**HEALTH**

1. Social No. in the Register of such worker: 30150  
 2. Name of worker: RUSHI MUNI CHAUDHARY  
 3. Sex: MALE

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

Department work	Name of machine used	Distance between machine and operator	Screen of job in operation	Has machine provided an appropriate shield for operator	Date of examination	Date of last examination of the worker	Reason for refusal to work in this work	Sign and date of the doctor in-charge
1	2	3	4	5	6	7	8	9
Production mechanical			None		04-01-16			
Base Machine mechanical			None		04-01-16			

**REGISTER**

No.

as amended vide Notification No. 1113-LW-40(5) dated 27th Nov. 1991

4. Date of birth: 11-02-1971  
 5. Medical examination and the results thereof

If declared unfit for work

Name of the worker	Age in years	Sex	Status of employment with the factory	If declared unfit for work			Signature and date of the Factory Medical Officer in-charge
				Reason for unfitness	Date of last examination of the worker	Date of next examination	
1	2	3	4	5	6	7	8
Ht- 170   85 mmHg   60   60	43	M	FT				<p><i>P. S. Choudhary</i>                      DR. P. S. CHAUDHARY                      F.M.S. (Gen. Med.)                      Reg. No. 2015/73                      2015/73</p>
Wt- 58 kg   101-110 mmHg Sistol - 110 mmHg Diastol - 70 mmHg P.P.R. - 57 bpm   200/100 R.C.T. - 2.5 sec							
Ht- 170   85 mmHg   60   60	43	M	FT				<p><i>P. S. Choudhary</i>                      DR. P. S. CHAUDHARY                      F.M.S. (Gen. Med.)                      Reg. No. 2015/73                      2015/73</p>
Wt- 58 kg   101-110 mmHg Sistol - 110 mmHg Diastol - 70 mmHg P.P.R. - 57 bpm   200/100 R.C.T. - 2.5 sec							

Note - 1. Separate page should be maintained for individual worker.  
 2. Final copy should be kept for safe custody.