

**Six Monthly (June-2024) Compliance Report for Period October 2023 to March 2024 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>

Mon, May 20, 2024 at 6:38 PM

To: "roez.bsr-mef@nic.in" <roez.bsr-mef@nic.in>, iro.kolkata-mefcc@gov.in, ms@wbpcb.gov.in, Monitoring Cell <monitoring-ec@nic.in>

Bcc: bijayen.srivastava@rashmigroup.com, Biswanath Sharma <biswanath@rashmigroup.com>, environment RML <environment@rashmigroup.com>

Dear Sir,

With reference to the above, we are hereby submitting the six monthly compliance reports period from October 2023 to March 2024 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 by all the Rules & Regulations.

Hope you will find the same in order.

With warm Regards,

BIJAYEN SRIVASTAVA

**Authorised Signatory**

**M/s. Orissa Metaliks Private Limited**

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

Tel : 91 33-22894255/ 56

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Mbl. No-07044070948



EC COMPLIANCE -OMPL\_2012.pdf  
13031K

Ref. OMPL-KGP/ENV COMPL /June-2024

Date: 18/05/2024

To,

**a) Regional Office,**

Ministry of Environment, Forests & Climate Change, Bhubaneswar  
A/3 Chandrasekharapur,  
Bhubaneswar - 751023, Odisha

**b) Sub Office, Kolkata**

Regional Office, Bhubaneswar,  
Ministry of Environment, Forest and Climate Change,  
IB-198, Sector-III, Salt Lake City,  
Kolkata - 700 106

**Sub. Six Monthly (December-2023) Compliance Report** for Period October 2023 to March 2024 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

Dear Sir,

With reference to the above, we are hereby submitting the six monthly compliance reports period from October 2023 to March 2024 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.

Here, we would like to inform that the last six monthly compliance report for the period April, 2023-September 2023 was submitted to concerned department vide mail & letter no- OMPL/ENV COMPL/December-2023 dated 29.11.2023 on parivesh portal vide Compliance ID: 27859874 dated 29.11.2023.

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

**OCTOBER 2023 to MARCH 2024**

**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 (**Environment Clearance**) application has been **Submitted** with following details

<b>Proposal No</b>	J-11011/604/2010-IAII(I)
<b>Compliance ID</b>	69651015
<b>Compliance Number(For Tracking)</b>	EC/M/COMPLIANCE/69651015/2024
<b>Reporting Year</b>	2024
<b>Reporting Period</b>	01 Jun(01 Oct - 31 Mar)
<b>Submission Date</b>	20-05-2024
<b>IRO Name</b>	ARTATRANA MISHRA
<b>IRO Email</b>	jhk109@ifs.nic.in
<b>State</b>	WEST BENGAL
<b>IRO Office Address</b>	Integrated Regional Offices, Kolkata

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

**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 MTPA) with Producer Gas Plant (75,000 Nm<sup>3</sup>/hr) by M/s Orissa Metaliks Private Ltd.

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

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

October 2023 to March 2024

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 in progress. In financial year 2023-24, from Oct. 2023 to March 2024 750 nos. of trees planted. Total Planation done in Fy 2023-24 is around 950 saplings were planted and the survival rate is 90 %. 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, within every six months compliance report is being submitted. The last compliance report for the period April 2023 to October 2023 was submitted vide letter no. - OMPL-KGP/ENV COMPL /December-2023 dated 29.11.2023.

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 April 2023 to September 2023 was submitted vide letter no. - OMPL-KGP/ENV COMPL /December-2023 dated 29.11.2023.</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)	<p>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> 	<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 four locations viz., Rajpura Village, Gokulpur Village, Dhekia Village and Near Plant Main Gate, AAQ monitoring carried by third party monitoring agency M/s Qualissure Laboratory Services, West Bengal which is NABL/ WBPCB accredited laboratory has done the analysis. As per monitoring reports for month of March 2024, AAQ levels are as follows:</p> <table border="1" data-bbox="738 1858 1555 1950"> <thead> <tr> <th>Parameter</th> <th>Rajpura Village</th> <th>Gokulpur Village</th> <th>Dhekia Village</th> <th>Near plant main gate</th> </tr> </thead> <tbody> <tr> <td>PM<sub>10</sub> (µg/m<sup>3</sup>)</td> <td>53.0</td> <td>58.0</td> <td>65.0</td> <td>75.0</td> </tr> </tbody> </table>	Parameter	Rajpura Village	Gokulpur Village	Dhekia Village	Near plant main gate	PM <sub>10</sub> (µg/m <sup>3</sup> )	53.0	58.0	65.0	75.0
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PM <sub>10</sub> (µg/m <sup>3</sup> )	53.0	58.0	65.0	75.0								



PM <sub>2.5</sub> (µg/m <sup>3</sup> )	27.0	25.0	38.0	40.0
SO <sub>2</sub> (µg/m <sup>3</sup> )	6.5	6.1	6.6	6.8
NO <sub>x</sub> (µg/m <sup>3</sup> )	23.7	22.4	24.0	24.6
CO (mg/m <sup>3</sup> )	481	481	492	549

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 Qualissure Laboratory Services, West Bengal which is NABL/ WBPCB accredited laboratory has done the analysis. As per monitoring reports for month of March 2024 the emission levels are as follows:


Parameter	Pellet Plant Area I & II	Railway Siding Area	Product House Area	Iron Ore Beneficiation Area
TSPM (µg/m <sup>3</sup> )	310	250	281	385

The Fugitive Emission analysis reports are attached in as **Annexure-VI**.



vi)	<p>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>	<p style="text-align: center;">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)	<p>Prior 'permission' for the drawl of 600 m<sup>3</sup>/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>	<p style="text-align: center;">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 style="text-align: center;"><b>RAIN WATER HARVESTING POND</b></p> </div>
viii)	<p>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>	<p style="text-align: center;">Being Complied</p> <p>The management of OMPL-II is conducting third party monitoring of effluent, sub-surface and ground water by M/s Qualissure 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)	<p>Zero effluent discharge should be strictly</p>	<p style="text-align: center;">Being Complied</p>



	followed and no wastewater should be discharged outside the premises.	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.
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.	Being Complied 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 Qualissure 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> .
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.	Being complied 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 & 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.
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.	Being Complied 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 & post monsoon is done in order to avoid blockage of drains.  




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 Qualissure 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 Qualissure 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: 35%;">Solid Waste</th> <th style="width: 55%;">Solid Waste Management</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Dust from ESP and Bag Filters of Pellet Plant</td> <td>Reused in process</td> </tr> <tr> <td>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>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>4</td> <td>Tar Sludge</td> <td>Tar sludge is sent to WBPCB authorized vendor.</td> </tr> <tr> <td>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 2023-24 from April to March around 950 saplings were planted to fill the gap and the</p>																		



		survival rate is 90 %. 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. 7,000,00 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 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 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> <p>Copy of the Corporate Environmental Policy dully approved by Board of Director is already submitted to ministry.</p>

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.	<p style="text-align: center;">Being Complied</p> <p>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.</p>




ii)	No further expansion or modifications in the plant shall be carried but without prior approval of the Ministry of Environment and Forests.	<p style="text-align: center;">Agreed</p> <p>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.</p>																																		
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.	<p style="text-align: center;">Being Complied</p> <p>All the necessary measures have been adopted for preventing the gaseous emission in priority basis.</p>																																		
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.	<p style="text-align: center;">Being Complied</p> <p>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&amp;CC accredited laboratory. The reports are regularly being submitted to MOEF and WBPCB.</p> <p>01 nos. manual AAQM systems installed at plant main gate and also after taking into consideration the interest and financial share cost from associate company of the Group, for monitoring the Ambient Air quality around industrial units of the Group 04 nos. Continuous Ambient Air Quality Monitoring Station (USEPA/ MCERT approved) are installed covering upwind, downwind and crosswind directions after getting site approval from WBPCB and the online ambient air quality data is being transferred to WBPCB online server.</p> <p>The latest Ambient Air Quality (AAQ) analysis reports (CAAQMS &amp; third party monitoring) are already attached in as <b>Annexure-IV &amp; Annexure-V</b>.</p>																																		
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.	<p style="text-align: center;">Being Complied</p> <p>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.</p> <p>Domestic waste water is treated in STP of adequate capacity.</p>																																		
vi)	The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods. Silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (night-time).	<p style="text-align: center;">Being Complied</p> <p>The management takes all necessary steps to control the noise level (Ambient &amp; Source) inside the plant premises and a dedicated team is engaged to continuously check the noise level.</p> <p>Also ambient &amp; point source noise analysis for plant is being carried by NABL/MoEF accredited lab on regular basis.</p> <p>Noise level have been monitored at four locations viz. Plant Main Gate, Rajpura 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="722 1787 1552 1913"> <thead> <tr> <th rowspan="3">Parameter</th> <th colspan="2">Near Plant Main Gate</th> <th colspan="2">Rajpura Village</th> <th colspan="2">Truck Parking</th> <th>Railway Siding</th> <th>Near Pellet Plant</th> </tr> <tr> <th colspan="8" style="text-align: center;">AMBIENT</th> </tr> <tr> <th>Day</th> <th>Night</th> <th>Day</th> <th>Night</th> <th>Day</th> <th>Night</th> <th>Avg.</th> <th>Avg.</th> </tr> </thead> <tbody> <tr> <td>Leq (dBA)</td> <td>57.4</td> <td>49.2</td> <td>54.6</td> <td>44.5</td> <td>58.9</td> <td>48.1</td> <td>56.7</td> <td>54.10</td> </tr> </tbody> </table> <p>The Ambient &amp; Work Zone Noise quality monitoring reports are</p>	Parameter	Near Plant Main Gate		Rajpura Village		Truck Parking		Railway Siding	Near Pellet Plant	AMBIENT								Day	Night	Day	Night	Day	Night	Avg.	Avg.	Leq (dBA)	57.4	49.2	54.6	44.5	58.9	48.1	56.7	54.10
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		enclosed as <b>Annexure - IX.</b>																												
vii)	Occupational health surveillance of then workers shall be done on a regular basis and records maintained as per the Factories Act.	<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)	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>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)	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>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)	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>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"> <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="5">In Fy. 2023-2024 (October to March)</td> <td>Green Belt Development</td> <td>Maintenance, labour cost, etc.</td> <td>3,75,000.00</td> </tr> <tr> <td>House Keeping &amp; Solid/H.Z Waste Management System</td> <td>Labour charges, Drainage Cleaning and other materials</td> <td>3,20,000.00</td> </tr> <tr> <td>Analysis &amp; Monitoring of Environmental Parameters</td> <td>Stack, Fugitive, Ambient, Water etc. Monitoring &amp; Analysis, In-house Analysis</td> <td>2,15,000.00</td> </tr> <tr> <td>O.H. Management &amp; Safety Plan</td> <td>Occupational Health Management, Risk Mitigation &amp; Safety Plan</td> <td>1,45,000.00</td> </tr> <tr> <td>O &amp; M on A.P.C Devices</td> <td>Operation &amp; Maintenance cost. Electricity consumption etc. on A.P.C Device installed.</td> <td>1,35,00,000.00</td> </tr> <tr> <td colspan="3"><b>TOTAL</b></td> <td><b>1,45,55,000.00</b></td> </tr> </tbody> </table>	Recurring Cost Incurred on Environmental Safeguard for OMPL-II plant				Year	Particulars	Narration	Amount	In Fy. 2023-2024 (October to March)	Green Belt Development	Maintenance, labour cost, etc.	3,75,000.00	House Keeping & Solid/H.Z Waste Management System	Labour charges, Drainage Cleaning and other materials	3,20,000.00	Analysis & Monitoring of Environmental Parameters	Stack, Fugitive, Ambient, Water etc. Monitoring & Analysis, In-house Analysis	2,15,000.00	O.H. Management & Safety Plan	Occupational Health Management, Risk Mitigation & Safety Plan	1,45,000.00	O & M on A.P.C Devices	Operation & Maintenance cost. Electricity consumption etc. on A.P.C Device installed.	1,35,00,000.00	<b>TOTAL</b>			<b>1,45,55,000.00</b>
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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/qebs.html">http://orissametaliks.com/qebs.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/qebs.html">http://orissametaliks.com/qebs.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/qebs.html">http://orissametaliks.com/qebs.html</a>.</p> <div style="text-align: center;">  <p style="text-align: center;"><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 respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Bhubaneswar/CPCB/SPCB shall monitor the stipulated conditions.	<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 April, 2023 to September 2023 submitted vide letter no. - OMPL-KGP/ENV COMPL /December-2023 dated 29.11.2023.</p>
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	<p style="text-align: center;">Being Complied</p> <p>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</p>



	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.	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>		
D)	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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परिवेश  
PARI VESH  
(CPC GREEN)

पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय

Ministry of Environment, Forest and Climate Change



Back

## View Compliance Report at Project Proponent

### Proposal Details

**Proposal No**

J-11011/604/2010-IAII(I)

**Category**

Industrial Projects - 1

**Name of 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.

**Plot / Survey/ Khasra No.****Village(s)****Sub-District(s)****State**

WEST BENGAL

**District**

MEDINIPUR WEST

**MoEF File No**

J-11011/604/2010-IA II(I)

**Name of the Entity/  
Corporate Office**

Orissa Metaliks Pvt. Ltd

**Entity's PAN**

NA

**Entity Name as per PAN**

NA

**Entity details mentioned above is correct ?**

Agree

**Project KML**

[View on DSS](#)

### Covering Letter

**Covering Letter**[Click to View](#)**Compliance Reporting Details****Reporting Year**

2024

**Reporting Period**

01 Jun(01 Oct - 31 Mar)

**Remark(if any)**

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	27.52	27.52
Revenue Land	0	0
Forest	0	0
Others	0	0
Total	27.52	27.52

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 Heading	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	Being complied and agreed to comply 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 in progress. In financial year 2023-24, from Oct. 2023 to March 2024 750 nos. of trees planted. Total Planation done in Fy 2023-24 is around 950 saplings were planted and the survival rate is 90 %. To maintain green belt development work dedicated manpower has been deployed. Detail of Green belt development and recent photograph is enclosed as Annexure-III. Being Complied Attachment: <a href="#">Click to View</a>

3	MISCELLANEOUS	No additional disc shall be installed for expansion.	PPs Submission	Agreed Being Complied Attachment:NA
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	In compliance to this condition, within every six months compliance report is being submitted. The last compliance report for the period April 2023 to October 2023 was submitted vide letter no. - OMPL-KGP/ENV COMPL /December-2023 dated 29.11.2023. Being Complied Attachment: <a href="#">Click to View</a>
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	Agreed Project is being operated by name of M/s Orissa Metaliks private limited (Unit-II) after obtaining valid NOC & CTO from WBPCB. Being Complied Attachment:NA
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	Complied Being Complied Attachment:NA
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	Agreed and Being Complied Being Complied Attachment:NA

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 April 2023 to September 2023 was submitted vide letter no. - OMPL-KGP/ENV COMPL /December-2023 dated 29.11.2023. Being Complied Attachment: <a href="#">Click to View</a>
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/Nm <sup>3</sup> 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. CAAQMS data are enclosed as Annexure-IV. 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 laboratory. Recently at four locations viz., Rajpura Village, Gokulpur Village, Dhekia Village and Near Plant Main Gate, AAQ monitoring carried by third party monitoring agency M/s Qualissure Laboratory Services, West Bengal which is NABL/ WBPCB accredited laboratory has done the analysis. As per monitoring reports for month of March 2024, The latest Ambient Air Quality (AAQ) analysis reports are attached in as Annexure-V. Being Complied Attachment: [Click to View](#)

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.	<p>PPs Submission</p> <p>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. Fugitive emission monitoring for the plants is carried out on regular basis by WBPCB/NABL/MoEF&amp;CC authorized laboratories. The Fugitive Emission analysis reports are attached in as Annexure-VI. Being Complied Being Complied Attachment: <a href="#">Click to View</a></p>
14	AIR QUALITY MONITORING	Vehicular pollution due to transportation of raw material	<p>PPs Submission</p> <ul style="list-style-type: none"> <li>• 01 no. water spraying tanker</li> </ul>

	AND PRESERVATION	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.	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. 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.	PPs Submission The total freshly makes up water requirement for subject EC awarded project is 450 KLD. Orissa Metalliks (P) Limited (Unit-II) has adequate water withdrawal permission of ground water & surface water (River

				<p>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 m<sup>3</sup> [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	<p>The management of OMPL-II is conducting third party monitoring of effluent, sub-surface and ground water by M/s Qualissure Laboratory Services, West Bengal which is NABL/ WBPCB accredited laboratory has done the analysis. Being Complied Attachment: <a href="#">Click to View</a></p>

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 Qualissure 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  
Annexure – VII &  
Annexure – VIII.  
Being Complied  
Attachment: [Click  
to View](#)

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 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 &amp; Forests and its Regional Office located at Bhubaneswar on six monthly basis.</p>	PPs Submission	<p>Being complied 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</p>

				<p>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 of drains. Being Complied Attachment:NA</p>
21	WASTE MANAGEMENT	<p>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>	PPs Submission	<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. Being Complied Attachment:NA</p>



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

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 Qualissure Laboratory Services, West Bengal which is NABL/ WBPCB accredited laboratory has done the Ground Water analysis and & effluent analysis and the reports are already attached

				as Annexure – VII & Annexure-VIII. Being Complied Attachment: <a href="#">Click to View</a>
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	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 2023-24 from April to March around 950 saplings were planted to fill the gap and the survival rate is 90 %. 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	PPs Submission	M/s Orissa Metalliks Private Limited has well-

		<p>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>		<p>defined CSR policy under which OMPL carry out social development and welfare measures in the surrounding villages. In financial year 2023-24, OMPL company has spent Rs. 7,000,00 under the head of CSR/CER. The recent CSR/CER photograph are: Being Complied Attachment:NA</p>
28	Corporate Environmental Responsibility	<p>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>	PPs Submission	<p>We are providing four storeyed (20,000 square Ft.) staff quarter with drinking water, electricity and sanitation facilities. Being Complied Attachment:NA</p>

29	Corporate Environmental Responsibility	<p>The Company shall submit within three months their policy towards Corporate Environment Responsibility which should inter-alia address (i) Standard operating process/procedure to bring into focus any infringement/deviation/violation of environmental or forest 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>	PPs Submission	<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. A 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 duly approved by Board of Director is already submitted to ministry. Being Complied Attachment:NA</p>
30	AIR QUALITY MONITORING AND PRESERVATION	<p>The project proponent shall comply with the strict emission norms of 30 mg/Nm<sup>3</sup>.</p>	PPs Submission	<p>Stack monitoring is carried out on regular basis by W.B.P.C.B/ NABL/ MoEF authorized laboratories. Latest Analysis report is attached as Annexure – I. Also Online stack monitoring system is installed with stack as per CPCB guideline and data are transferred to CPCB server &amp; State portal. OCEMS report for last six month</p>

is enclosed as  
Annexure – II,  
Being Complied  
Attachment: [Click  
to View](#)

## General Conditions

Sr.No.	Condition Heading	Condition Details	Status of Compliance,Remarks / Reason and Sug 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 has been taken by manage OMPL for pollution control complying with all conditic by Central Pollution Contrc and State Pollution Contro Reports of Monitoring and compliance are submitted on regular basis. Agreed In compliance to this point, management under clause EIA notification obtained e of existing pellet plant from Increase In Pollution Load Committee, WBPCB memo 2N-29/2019(E)-Pt.II dated 16.03.2022. 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	In compliance to this point management under clause EIA notification obtained e of existing pellet plant from Increase In Pollution Load Committee, WBPCB memo 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	PPs Submission	All the necessary measures been adopted for preventi gaseous emission in priorit Being Complied Attachment:NA

		the nature of the industry and its size and location.		
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	Ambient air quality monitoring carried out on regular basis relevant parameters as specified in the environment clearance. PM2.5, SO2, and NOx by N MoEF&CC accredited laboratory reports are regularly being submitted to MOEF and W nos. manual AAQM system at plant main gate and also taking into consideration the financial share cost from associate company of the ( monitoring the Ambient Air around industrial units of 04 nos. Continuous Ambient Quality Monitoring Station (MCERT approved) are installed covering upwind, downwind and crosswind directions after site approval from WBPCB. online ambient air quality data being transferred to WBPCB server. The latest Ambient Quality (AAQ) analysis reports (CAAQMS & third party monitoring) are already attached in as IV & Annexure-V. Being Complied Attachment: <a href="#">Click to View</a>
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 process is used for cooling purpose. Phenolic water is used for pellet ball making and in a kiln of OMPL (Unit-I) plant. 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 steps to control the noise level (Ambient & Source) inside premises and a dedicated team engaged to continuously control noise level. Also ambient & source noise analysis for plant being carried by NABL/MoEF&CC accredited lab on regular basis. Noise level have been monitored at four locations viz. Plant Main Rajpura Village, Railway Station

				<p>parking Area &amp; Pellet Plant third party monitoring age Greenvision Laboratory Ser West Bengal which is NABL accredited laboratory. The &amp; Work Zone Noise quality monitoring reports are enc Annexure – IX.</p> <p>Being Complied</p> <p>Attachment: <a href="#">Click to View</a></p>
7	Human Health Environment	Occupational health surveillance of then workers shall be done on a regular basis and records maintained as per the Factories Act.e).	PPs Submission	<p>Occupational health surve the workers is being perio accessed and records are t maintained as per the Fact 1948. Company is ISO 4500 certified. The OHS record i enclosed as Annexure-X.</p> <p>Being Complied</p> <p>Attachment: <a href="#">Click to View</a></p>
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	<p>Orissa Metalliks (P) Limited has 30,000 KL (02 Nos.) rain harvesting ponds in plant ) and harvested water are be in dust suppression, green development.</p> <p>Being Complied</p> <p>Attachment:NA</p>
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	<p>The management of OMPL process of complying all th commitments and recomm made in the EIA/EMP repo undertaking socio-econom development activities in ti surrounding villages like cc development programmes educational programmes, i water supply and health ca under CSR/CER head. The i details are already discusse no-xxi.</p> <p>Being Complied</p> <p>Attachment:NA</p>



10	Corporate Environmental Responsibility	<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>	PPs Submission	<p>An amount of Rs. 12.5 crore Rs.2.40 crores towards capital and annual recurring cost for implementing the environment protection measures. Being Complied Attachment: <a href="#">Click to View</a></p>
11	Statutory compliance	<p>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>	PPs Submission	<p>Complied Copies of EC were submitted to local bodies, and Municipal bodies and uploaded on the website of company <a href="http://orissametaliks.com/">http://orissametaliks.com/</a> Being Complied Attachment:NA</p>
12	Statutory compliance	<p>The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEF 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>	PPs Submission	<p>Being Complied The status compliance of the environment clearance conditions are/ were uploaded on the website of company <a href="http://orissametaliks.com/">http://orissametaliks.com/</a> Emission levels of pollutant different units is displayed as per CPCB format issued no-B-29016 NGT/C-10/2021/Div./ Dated 20th January outside the main gate of the company for disclosure to the public uploaded on the website of company <a href="http://orissametaliks.com/">http://orissametaliks.com/</a> Electronic display board is at plant main gate and online emission data a CAAQMS is also being displayed. Being Complied Attachment:NA</p>

13	Statutory compliance	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.	PPs Submission	Being Complied This report submitted as compliance to point. The last compliance for the period April, 2023 to September 2023 submitted letter no. – OMPL-KGP/ENV/December-2023 dated 29 Being Complied Attachment: <a href="#">Click to View</a>
14	Statutory compliance	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.	PPs Submission	Environmental Statement for financial year 2022-2023 in Form-V as prescribed under the Environment (Protection) Rules 1986, as amended subsequently, is submitted to the West Bengal Pollution Control Board and also uploaded on the website of the company <a href="http://orissametaliks.com">http://orissametaliks.com</a> . Being Complied Attachment: <a href="#">Click to View</a>
15	PUBLIC HEARING	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 forwarded to the Regional office at Bhubaneswar.	PPs Submission	Compiled Advertisement for environmental clearance was placed in two local newspapers that circulated in the region are "Ekdin" (Bengali) dated 07.06.2012 and "Business Standard" (English) dated 07.06.2012. Being Complied Attachment:NA

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	Noted Company is a private company and no finance is 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 the employees about the impact of Single Use Plastic environment , banner and displayed at suitable place place, canteen, parking are Being Complied Attachment:NA

#### Document uploaded by the PP

**Last Site Visit Report (if available)**

NA

**Last Site Visit Report Date (if available)**

02-02-2021

**Additional Attachment (if any)**

[Click to View](#)

**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 RO/SRO

**Cover Letter From RO/SRO**

NA

[Back](#)



## 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 : 051020230288

1. Name of Industry	: M/s. Orissa Metallks Pvt. Ltd. (Unit-II)
2. Address	: NH-6, VIII-Gokulpur, P.O.- Shyamraipur, P.S.- Kharagpur (Local), Paschim Medinipur
3. Category & Type	: Red & Pellet Plant
4. Sampling Date	: 04/10/2023
5. Sampled collected by	: K. Sahoo (AEE), HRO
6. Thimble Number	: 634
7. Name of WBPCB Recognized Laboratory	: M/s. Indicative Consultant India
8. Duration of Sampling	: 44 min
9. Height of Stack from ground (m)	: 50.0
10. Cross section of stack at sampling point (m <sup>2</sup> )	: 7.071
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.)	: 2900 TPD
16. Fuel used	: Coal & Producer Gas
17. Rated Fuel consumption (Kg or L/hr.)	: -
18. Working Fuel consumption (Kg or L/hr.)	: Coal- 2.3 TPH & Producer Gas-2000 Nm <sup>3</sup> /hr.
19. Nature of Furnace / Boiler	: Pellet Pre- Heater
20. Flue Gas Temp (°C)	: 90.0
21. Flue gas velocity (m/sec)	: 14.46
22. Volume of Flue gas drawn in lit (m <sup>3</sup> )	: 1.012
23. Corrected flue gas volume (Nm <sup>3</sup> )	: 0.9468
24. Percentage CO <sub>2</sub> and or O <sub>2</sub>	: CO <sub>2</sub> - 8.8% & O <sub>2</sub> -10.4%
25. To be compensated at (% if required)	: -
26. Initial weight of Thimble (g)	: 1.4396
27. Final weight of Thimble (g)	: 1.4445
28. Weight of Particulate Matter (mg)	: 4.90
29. Particulate Matter (mg/Nm <sup>3</sup> )	: 5.18
30. Barometric Pressure Head in mm of Hg	: 753 mm of Hg
31. Diameter of the nozzle (mm)	: 6.35 mm
32. Others	: -

Date of Reporting : 12/10/2023

*Gangadhar*  
Scientist

*Sampr*  
Senior Scientist

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

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

## ONLINE CONTINUOUS EMISSION MONITORING STATIONS (Period- 1<sup>st</sup> October 2023 to 31<sup>st</sup> March 2024)

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

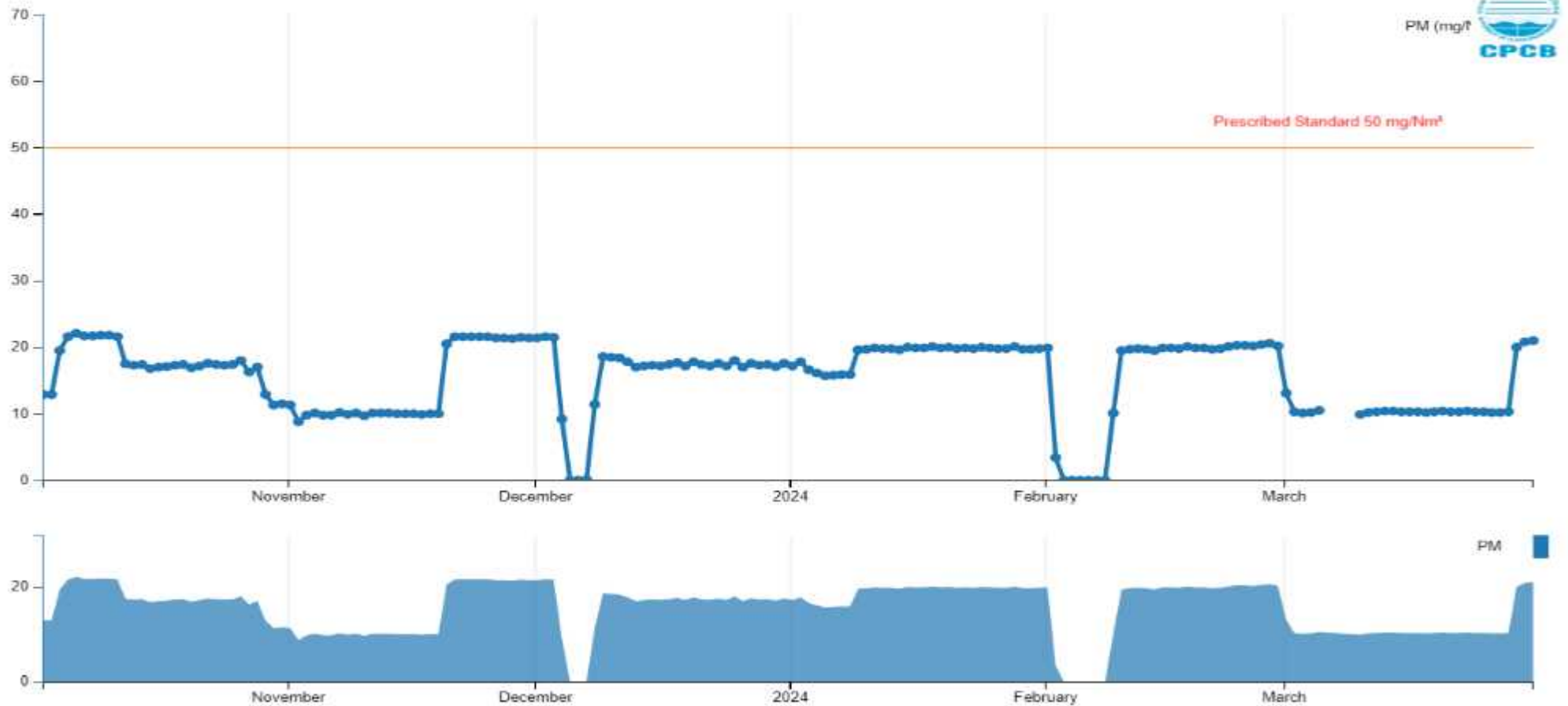
L\_OML\_Unit II

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

Start Date - 2023-10-01

End Date - 2024-03-31

Average - daily



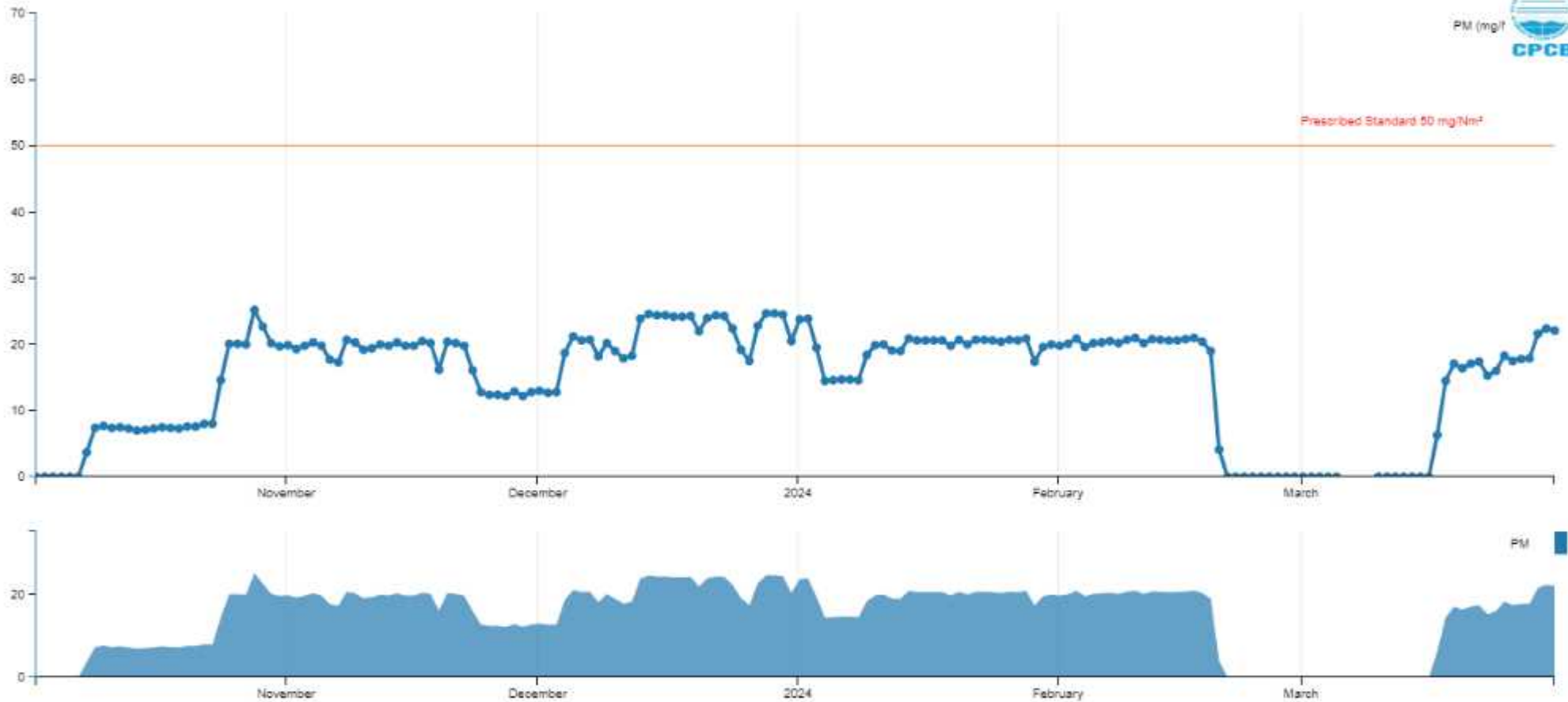
**ORISSA METALIKS PRIVATE LIMITED UNIT-II (Previously Known as Rashmi Metaliks Limited)** STACK 2 Pellet Plant III\_OML\_Unit II

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

Start Date - 2023-10-01

End Date - 2024-03-31

Average - daily



# ANNEXURE-III

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

1 a)	<b>Name of the Project :</b>	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)	<b>Environment Clearance Nos. :</b>	<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	<b>Location, Block/ Sub. Divn. / Dist/ State:</b>	Mouja- Dhekia, Khidipur& Sujatpur, at Village - Gokulpur, Tehsil – Kharagpur, District - Paschim Medinipur, West Bengal
3	<b>Address for communication :</b>	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>	
	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													
<b>Details of plantations</b>																	
8	a	Plantation details (category wise & methodology used)	Year of plantation		Species Planted		Quantity										
			2023-2024(October-March)		BOKUL		100										
					ARECA PALM		110										
					NEEM		60										
					CONOCARPAS		200										
					AKASMONI		180										
					KANCHAN		70										
					KARANJA		30										
					KELENDRA		25										
					GULMOHOR		65										
CHHATIM		50															
RADHACHURA		60															
Survival of plantation			Before 2019	2019-2021	2021-2022	2022-2023	2023-2024										
- Total Seedling/ Plantation (No.)			14250	20,000	3,000	8558	950										
- Survival Trees (No ) as on date from date of EC			7825	17,400	2,640	7,581	853										
- Survival			55%	87%	88%	89%	90%										
9	Agency carrying out plantation and maintenance		Our own horticulture department & third party														
10	Financial details (year wise) plantation wise and item wise		<table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Year</th> <th>Funds allocated (Rupees)</th> <th colspan="2">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="2">490000</td> </tr> </tbody> </table>					Sl. No.	Year	Funds allocated (Rupees)	Expenditure made including voluntarily tree plantation cost (Rupees)		1	2023 - 24	90,000	490000	
Sl. No.	Year	Funds allocated (Rupees)	Expenditure made including voluntarily tree plantation cost (Rupees)														
1	2023 - 24	90,000	490000														

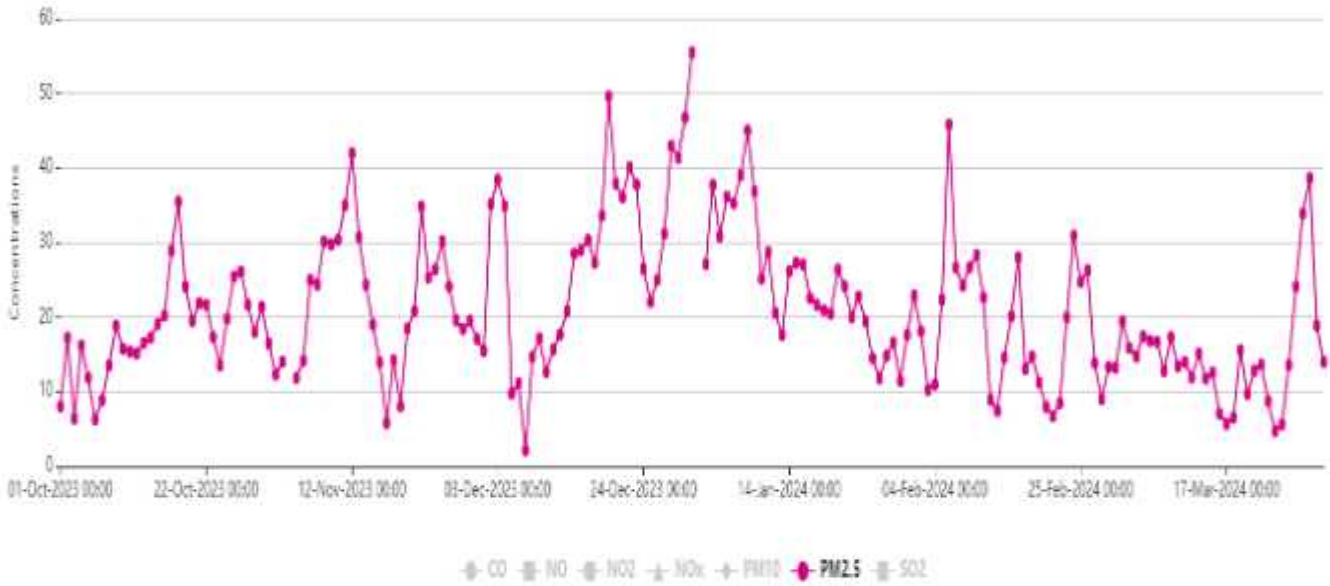




**CAAQMS DATA (OCOPER 2023 to MARCH 2024)**

**LOCATION : KALYANPUR VILLAGE**

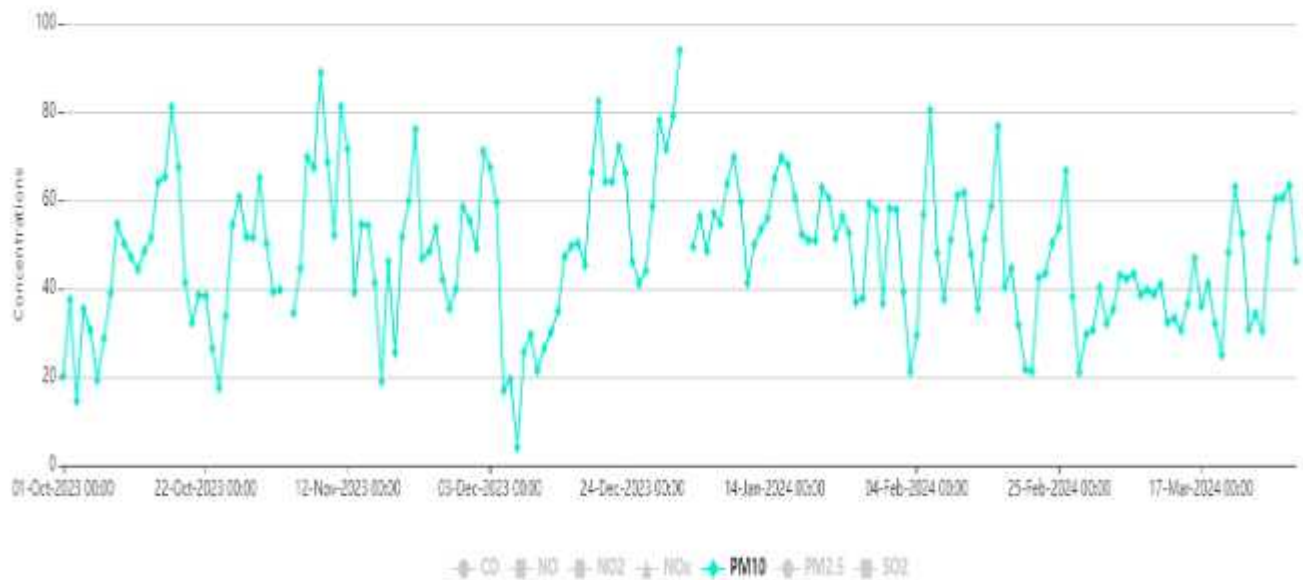
**Parameters : PM 2.5**



16

**LOCATION : KALYANPUR VILLAGE**

**Parameters : PM 10**



16

## ANNEXURE-V

LOCATION : KALYANPUR VILLAGE

Parameters : SO<sub>2</sub>



LOCATION : KALYANPUR VILLAGE

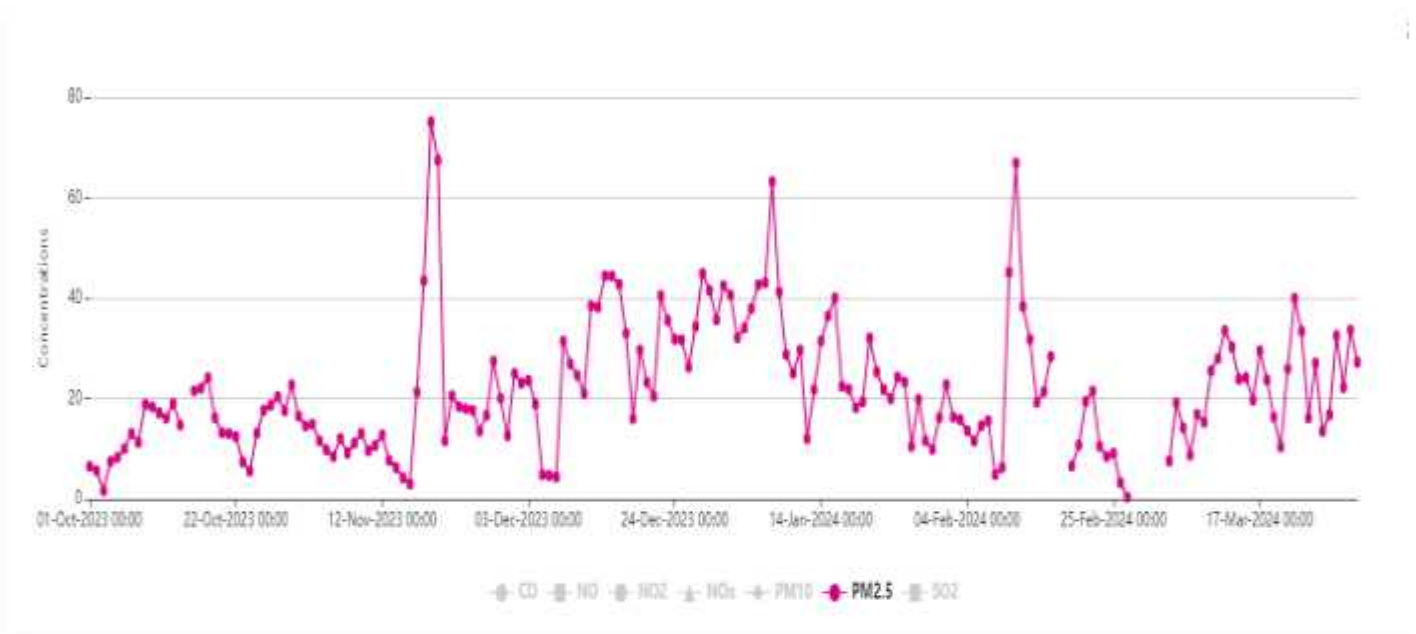
Parameters : NO<sub>x</sub>



## ANNEXURE-V

LOCATION : RAJOGRAM

Parameters : PM2.5



LOCATION : RAJOGRAM

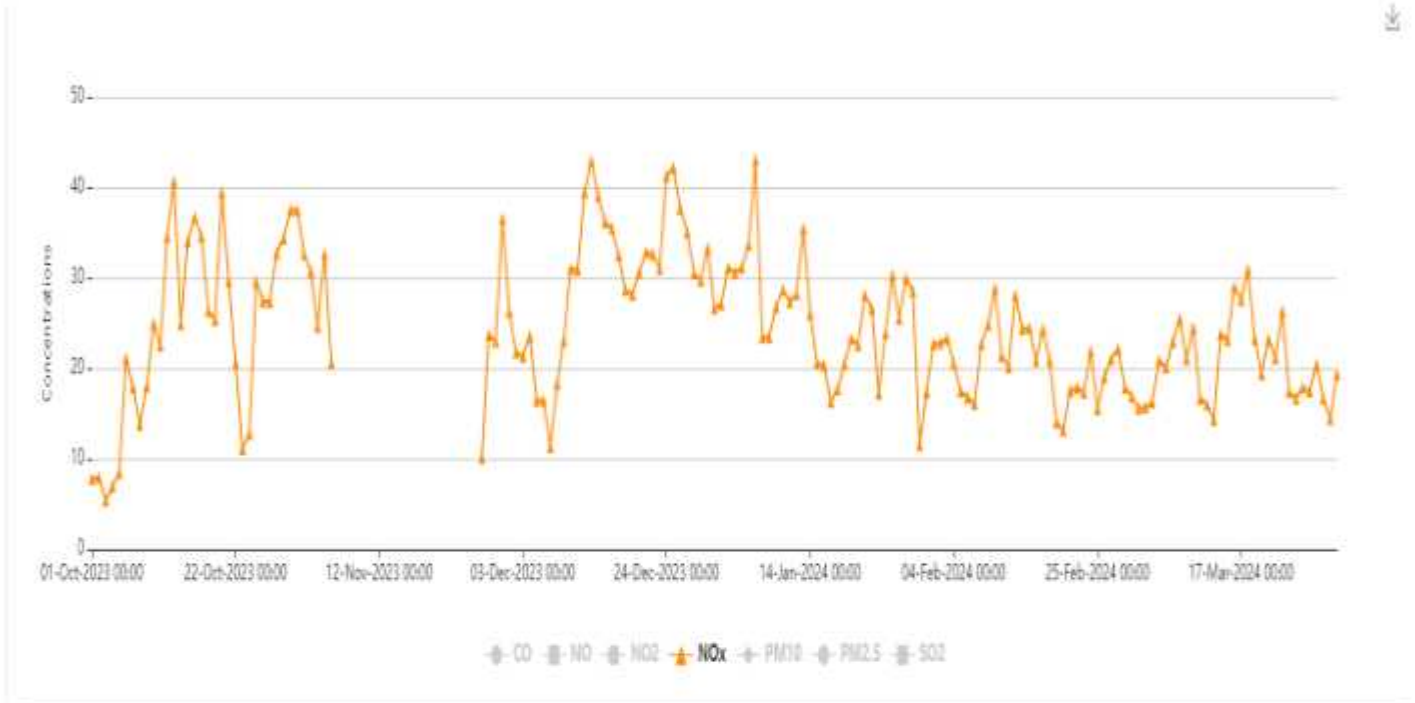
Parameters : SO2



# ANNEXURE-V

LOCATION : RAJOGGRAM

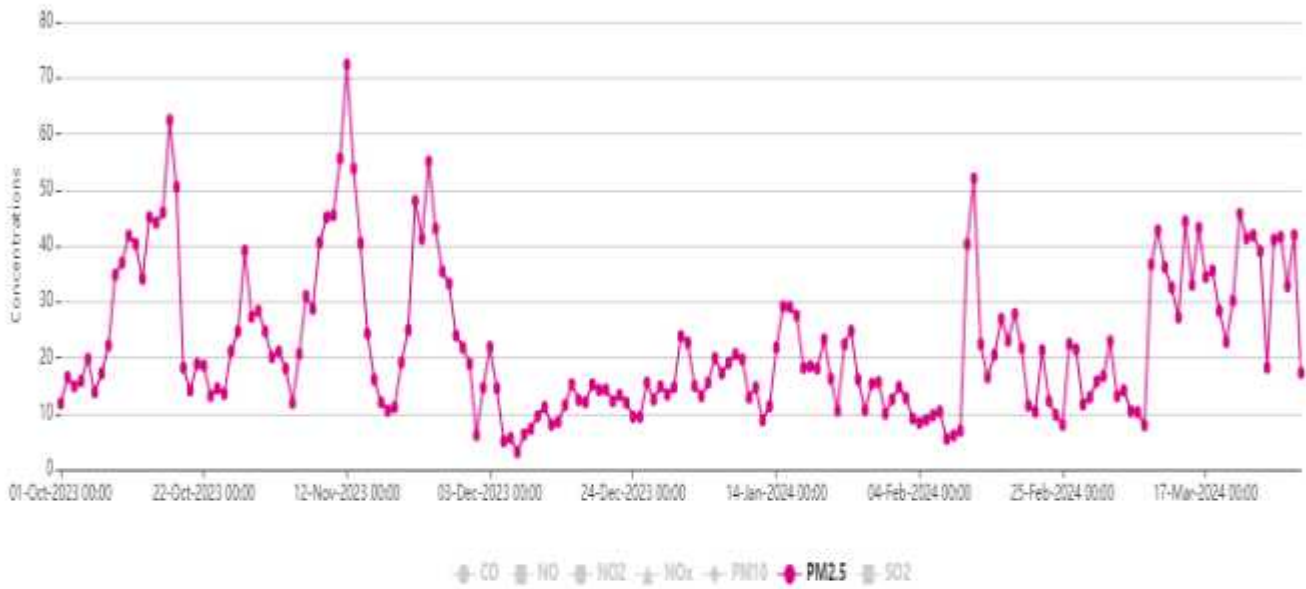
Parameters : NOx



# ANNEXURE-V

LOCATION : BARKOLA

Parameters : PM2.5



LOCATION : BARKOLA

Parameters : SO2



# ANNEXURE-V

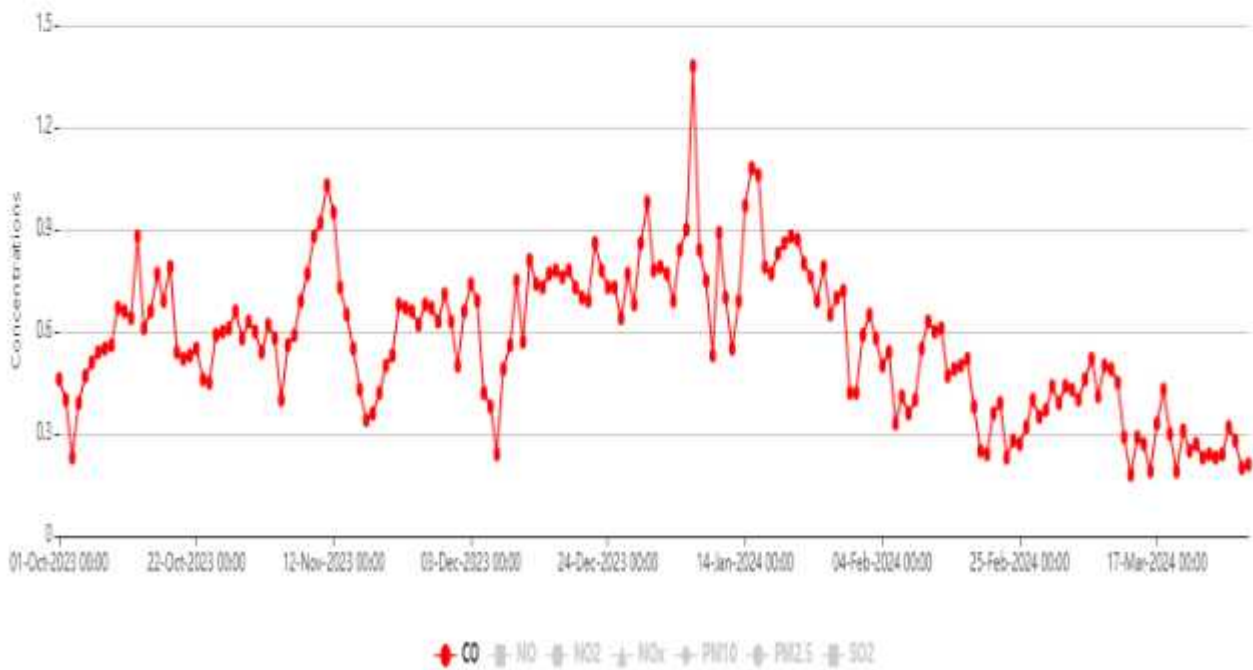
LOCATION : BARKOLA

Parameters : NOx



LOCATION : BARKOLA

Parameters : CO



## ANNEXURE-V

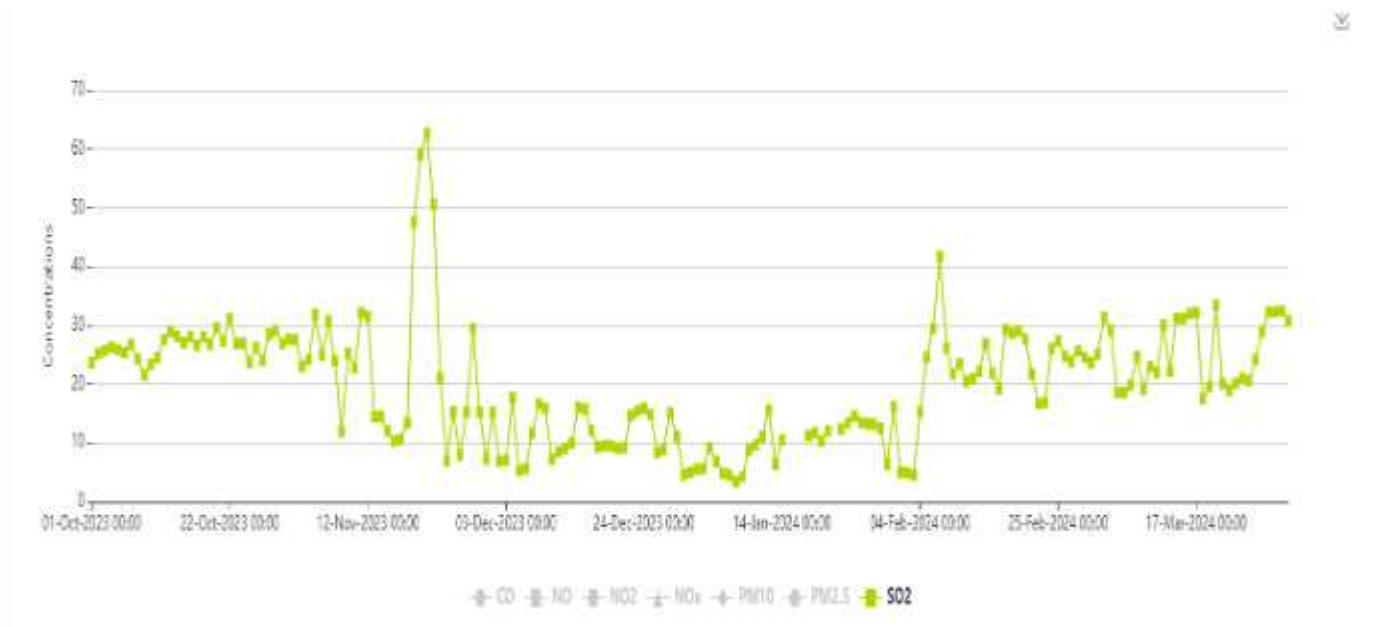
LOCATION : PANCHRULIA

Parameters : PM 2.5



LOCATION : PANCHRULIA

Parameters : SO2





## ANNEXURE-V

LOCATION : PANCHRULIA

Parameters : NOx

10



LOCATION : PANCHRULIA

Parameters : CO

15





### TEST REPORT

<b>Name &amp; Address Of the Customer :</b> M/s. Orissa Metaliks Pvt. Ltd.(Unit-II) Address: Vill- Gokulpur, P.O- Shyamraipur, P.S- Kharagpur (L), Paschim Medinipur- 721301, West Bengal.	Report No.	: QLS/P-31/23-24/C/16
	Date	: 13.04.2024
	Sample No.	: QLS/P-31/23-24/16
	Sample Description	: Ambient Air
	Date of performance	: 02.04.2024-05.04.2024
Ref No. Date	: O224379375 Dated. 20.02.2024	

### Analysis Result

Location : Rajpura Village		Date of sampling : 31.03.2024		
Sampling Done by: C.Sahoo		Sampling done as per : CPCB Guidelines (Volume-1)		
Environmental Condition : Clear & Sunny				
Sl. No.	Pollutants	Result	LIMIT	Method of Test Reference
1	Particulate matter (<10µm) in µg/m <sup>3</sup>	53	100	IS: 5182 (Part-23)-(RA-2017)
2	Particulate matter (<2.5µm) in µg/m <sup>3</sup>	27	60	USEPA CFR-40,Part-50, Appendix-L
3	Sulphur dioxide (SO <sub>2</sub> ) in µg/m <sup>3</sup>	6.5	80	IS: 5182 (Part-2)-2001, (RA-2017)
4	Nitrogen dioxide (NO <sub>2</sub> ) in µg/m <sup>3</sup>	23.7	80	IS: 5182 (Part- 6)- (RA-2017)
5	Carbon Monoxide (CO) in µg/m <sup>3</sup>	481	2000	IS: 5182 (Part- 10)- (RA-2017)
<b>NOTE:</b> Limit as per CPCB notification, New Delhi, 18th November 2009, for Ambient air quality.				

Report Prepared By:

Bankar

for Qualissure Laboratory Services  
Reviewed & Authorized By

Benimadhab Gorai, Chemist  
(Authorized Signatory)

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

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## TEST REPORT

<b>Name &amp; Address Of the Customer :</b>  <b>M/s. Orissa Metaliks Pvt. Ltd.(Unit-II)</b> Address: Vill- Gokulpur, P.O- Shyamraipur, P.S- Kharagpur (L), Paschim Medinipur- 721301, West Bengal.	Report No.	: QLS/P-31/23-24/C/15
	Date	: 13.04.2024
	Sample No.	: QLS/P-31/23-24/15
	Sample Description	: Ambient Air
	Date of performance	: 02.04.2024-05.04.2024
	Ref No. Date	: O224379375 Dated. 20.02.2024

## Analysis Result

Location : Near Plant Main Gate		Date of sampling : 31.03.2024		
Sampling Done by: C.Sahoo		Sampling done as per : CPCB Guidelines (Volume-1)		
Environmental Condition : Clear & Sunny				
Sl. No.	Pollutants	Result	LIMIT	Method of Test Reference
1	Particulate matter (<10 $\mu$ m) in $\mu$ g/m <sup>3</sup>	75	100	IS: 5182 (Part-23)-(RA-2017)
2	Particulate matter (<2.5 $\mu$ m) in $\mu$ g/m <sup>3</sup>	40	60	USEPA CFR-40,Part-50, Appendix-L
3	Sulphur dioxide (SO <sub>2</sub> ) in $\mu$ g/m <sup>3</sup>	6.8	80	IS: 5182 (Part-2)-2001, (RA-2017)
4	Nitrogen dioxide (NO <sub>2</sub> ) in $\mu$ g/m <sup>3</sup>	24.6	80	IS: 5182 (Part- 6)- (RA-2017)
5	Carbon Monoxide (CO) in $\mu$ g/m <sup>3</sup>	549	2000	IS: 5182 (Part- 10)- (RA-2017)
<b>NOTE:</b> Limit as per CPCB notification, New Delhi, 18th November 2009, for Ambient air quality.				

Report Prepared By:

*Banikatz*

for Qualissure Laboratory Services  
Reviewed & Authorized By

*Banikatz*  
Benimadhab Gorai, Chemist  
(Authorized Signatory)

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## TEST REPORT

<b>Name &amp; Address Of the Customer :</b> M/s. Orissa Metaliks Pvt. Ltd.(Unit-II) Address: Vill- Gokulpur, P.O- Shyamraipur, P.S- Kharagpur (L), Paschim Medinipur- 721301, West Bengal	Report No.	: QLS/P-31/23-24/C/17
	Date	: 13.04.2024
	Sample No.	: QLS/P-31/23-24/17
	Sample Description	: Ambient Air
	Date of performance	: 02.04.2024-05.04.2024
	Ref No. Date	: O224379375 Dated. 20.02.2024

## Analysis Result

Location : Gokulpur Village		Date of sampling : 31.03.2024		
Sampling Done by: C.Sahoo		Sampling done as per : CPCB Guidelines (Volume-1)		
Environmental Condition : Clear & Sunny				
Sl. No.	Pollutants	Result	LIMIT	Method of Test Reference
1	Particulate matter (<10µm) in µg/m <sup>3</sup>	58	100	IS: 5182 (Part-23)-(RA-2017)
2	Particulate matter (<2.5µm) in µg/m <sup>3</sup>	25	60	USEPA CFR-40,Part-50, Appendix-L
3	Sulphur dioxide (SO <sub>2</sub> ) in µg/m <sup>3</sup>	6.1	80	IS: 5182 (Part-2)-2001, (RA-2017)
4	Nitrogen dioxide (NO <sub>2</sub> ) in µg/m <sup>3</sup>	22.4	80	IS: 5182 (Part- 6)- (RA-2017)
5	Carbon Monoxide (CO) in µg/m <sup>3</sup>	481	2000	IS: 5182 (Part- 10)- (RA-2017)
<b>NOTE:</b> Limit as per CPCB notification, New Delhi, 18th November 2009, for Ambient air quality.				

Report Prepared By:

*Banikar*

for Qualissure Laboratory Services  
Reviewed & Authorized By

*Banikar*  
Benimadhab Gorai, Chemist  
(Authorized Signatory)

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## TEST REPORT

<b>Name &amp; Address Of the Customer :</b> M/s. Orissa Metaliks Pvt. Ltd.(Unit-II) Address: Vill- Gokulpur, P.O- Shyamraipur, P.S- Kharagpur (L), Paschim Medinipur- 721301, West Bengal.	Report No.	: QLS/P-31/23-24/C/18
	Date	: 13.04.2024
	Sample No.	: QLS/P-31/23-24/18
	Sample Description	: Ambient Air
	Date of performance	: 03.04.2024-05.04.2024
Ref No. Date	: O224379375 Dated. 20.02.2024	

## Analysis Result

Location : Dhekia Village		Date of sampling : 31.03.2024		
Sampling Done by: C.Sahoo		Sampling done as per : CPCB Guidelines (Volume-1)		
Environmental Condition : Clear & Sunny				
Sl. No.	Pollutants	Result	LIMIT	Method of Test Reference
1	Particulate matter (<10µm) in µg/m <sup>3</sup>	65	100	IS: 5182 (Part-23)-(RA-2017)
2	Particulate matter (<2.5µm) in µg/m <sup>3</sup>	38	60	USEPA CFR-40,Part-50, Appendix-L
3	Sulphur dioxide (SO <sub>2</sub> ) in µg/m <sup>3</sup>	6.6	80	IS: 5182 (Part-2)-2001, (RA-2017)
4	Nitrogen dioxide (NO <sub>2</sub> ) in µg/m <sup>3</sup>	24.0	80	IS: 5182 (Part- 6)- (RA-2017)
5	Carbon Monoxide (CO) in µg/m <sup>3</sup>	492	2000	IS: 5182 (Part- 10)- (RA-2017)
<b>NOTE:</b> Limit as per CPCB notification, New Delhi, 18th November 2009, for Ambient air quality.				

Report Prepared By:

*Ranjan*

for Qualissure Laboratory Services  
Reviewed & Authorized By

*Benimadhab Gorai*  
Benimadhab Gorai, Chemist  
(Authorized Signatory)

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## TEST REPORT

<b>Name &amp; Address Of the Customer :</b> <b>M/s. Orissa Metaliks Pvt. Ltd.(Unit-II)</b> Address: Vill- Gokulpur, P.O- Shyamraipur, P.S- Kharagpur (L), Paschim Medinipur- 721301, West Bengal.	Report No.	: QLS/P-31/23-24/C/19
	Date	: 13.04.2024
	Sample No.	: QLS/P-31/23-24/19-24
	Date of Performance	: 02.04.2024-05.04.2024
	Sample Description	: Fugitive Air
	Ref No. Date	: O224379375 Dated. 20.02.2024

## Analysis Result of Fugitive Air

Sampling Done by: C.Sahoo			
Environmental Condition : Sunny & Clear			
Sampling done as per : CPCB Guidelines (Volume-1)			
Sample No.	Location	Date of Sampling	(SPM) in $\mu\text{g}/\text{m}^3$
19	Pellet Plant Area I & II	31.03.2024	310
20	MBF & Oxygen Plant area	31.03.2024	431
21	Railway Siding	31.03.2024	250
22	Iron or Beneficiation Area	31.03.2024	385
23	Product House	31.03.2024	281
24	Pellet Plant Area III & IV	31.03.2024	252
<b>NOTE:</b> Fugitive emission Standard - 2000 $\mu\text{g}/\text{m}^3$			

Report Prepared By:

*Ballesh*

for Qualissure Laboratory Services  
 Reviewed & Authorized By

*Ballesh*  
 Benimadhab Gorai, Chemist  
 (Authorized Signatory)

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

- The results relate only to the item(s) tested.
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### TEST REPORT

<b>Name &amp; Address Of the Customer :</b>  <b>M/s. Orissa Metaliks Pvt. Ltd.(Unit-II)</b> Address: Vill- Gokulpur, P.O- Shyamraipur, P.S- Kharagpur (L), Paschim Medinipur- 721301, West Bengal.	ULR No.	: TC62712400000527F
	Report No.	: QLS/P-31/23-24/C/30
	Date	: 27.04.2024
	Sample No.	: QLS/P-31/23-24/30
	Sample Description	: Drinking Water
	Sample Mark	: Tap of Iron Ore Area
	Sample Drawn On	: 31.03.2024
	Date of performance	: 02.04.2024-10.04.2024
	Ref No. Date	: O224379375 Dated. 20.02.2024

### Analysis Result

#### (A) Microbiological Analysis

Sl.No.	Characteristic	Limit as per IS 10500; 2012 Amd. 2	Test Method	Result
1.	Total Coliform Bacteria/100ml	Not Detectable	IS 15185-2016 (RA 2021)	Not Detected
2.	E Coli/100ml	Not Detectable	IS 15185-2016 (RA 2021)	Not Detected

#### (B) Chemical Analysis

Sl.No.	Test Parameter	Test Method	IS 10500:2012Amd. No. 1 & 2		Result
			Acceptable Limit	Permissible Limit	
1.	Colour in Hazen Units	IS 3025 (Part 4): 2021	5	15	<5
2.	Odour	IS 3025 (Part 5): 2022	Agreeable	Agreeable	Agreeable
3.	pH Value at 25°C	IS 3025 (Part 11): 2022	6.5-8.5	No Relaxation	7.26
4.	Turbidity in NTU	IS 3025 (Part 10): 2023	1	5	<1.0
5.	Total Dissolved Solids (as TDS) in mg/l	IS 3025 (Part 16): 2023	500	2000	408
6.	Aluminium (as Al) in mg/l	IS 3025 (Part 55): 2003 (RA 2019)	0.03	0.2	<0.01
7.	Ammonia as NH <sub>3</sub> in mg/l	IS 3025 (Part 34): 1988 (RA 2019)	0.5	No Relaxation	<0.5
8.	Calcium (as Ca) in mg/l	IS 3025 (Part 40): 2023	75	200	23.3
9.	Chloride (as Cl) in mg/l	IS 3025 (Part 32): 1988 (RA 2019)	250	1000	64.6
10.	Copper (as Cu) in mg/l	IS 3025 (Part 42): 1992 (RA 2019)	0.05	1.5	<0.02
11.	Fluoride (as F) in mg/l	APHA 24 <sup>th</sup> Edition 2023, 4500 F.D	1.0	1.5	0.82
12.	Free Residual Chlorine in mg/l	IS 3025 (Part 26): 2021	0.2	1.0	<0.1
13.	Iron (as Fe) in mg/l	IS 3025 (Part 53): 1988 (RA 2019)	0.3	No Relaxation	0.32
14.	Magnesium (as Mg) in mg/l	APHA 24 <sup>th</sup> Edition 2023, 3500 Mg B	30	100	19.6
15.	Manganese (as Mn) in mg/l	IS 3025 (Part 59): 2023	0.1	0.3	<0.02
16.	Nitrate (as NO <sub>3</sub> ) in mg/l	IS 3025 (Part 34): 1988 (RA 2019)	45	No Relaxation	0.68
17.	Sulphate (as SO <sub>4</sub> ) in mg/l	IS 3025 (Part 24): Sec1, 2022	200	400	34.3
18.	Alkalinity (as CaCO <sub>3</sub> ) in mg/l	IS 3025 (Part 23): 2023	200	600	79.8
19.	Total Hardness (as CaCO <sub>3</sub> ) in mg/l	IS 3025 (Part 21): 2009 (RA 2019)	200	600	139.7
20.	Cadmium (as Cd) in mg/l	IS 3025 (Part 41): 2023	0.003	No Relaxation	<0.002
21.	Cyanide (as CN) in mg/l	IS 3025 (Part 27): 1986 (RA 2019)	0.05	No Relaxation	<0.02
22.	Lead (as Pb) in mg/l	IS 3025 (Part 47): 1994 (RA 2019)	0.01	No Relaxation	<0.01
23.	Mercury (as Hg) in mg/l	IS 3025 (Part 48): 1994 (RA 2019)	0.001	No Relaxation	<0.001
24.	Arsenic (as As) in mg/l	IS 3025 (Part 37): 2022	0.01	0.05	<0.01
25.	Zinc (as Zn) in mg/l	IS 3025 (Part 49): 1994 (RA 2019)	5	15	<0.02
26.	Total Chromium (as Cr) in mg/l	IS 3025 (Part 52): 2014 (RA 2019)	0.05	No Relaxation	<0.05

Report Prepared By:

for Qualissure Laboratory Services  
Reviewed & Authorized By

S. Chakraborty  
Soumy Chakraborty, Microbiologist  
(Authorized Signatory)

for Qualissure Laboratory Services  
Reviewed & Authorized By

Bishnupriya Banerjee, Chemist  
(Authorized Signatory)

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## TEST REPORT

<b>Name &amp; Address Of the Customer :</b> <b>M/s. Orissa Metaliks Pvt. Ltd.(Unit-II)</b> Address: Vill- Gokulpur, P.O- Shyamraipur, P.S- Kharagpur (L), Paschim Medinipur- 721301, West Bengal.	Report No.	: QLS/P-31/23-24/C/27
	Date	: 25.04.2024
	Sample No.	: QLS/P-31/23-24/27
	Sample Description	: Effluent
	Sample Mark	: ETP Inlet
	Sample Drawn On	: 31.03.2024
	Date of Performance	: 02.04.2024-10.04.2024
	Ref No. Date	: O224379375 Dated. 20.02.2024

## Analysis Result

Sl. No.	Parameter	TEST METHOD	Result	Limit as per CPCB for discharge of effluents	
				Inland Surface Water	Public Sewers
1.	pH at 25 <sup>o</sup> C	APHA 24 <sup>th</sup> Edition-2023, 4500 H+	7.23	5.5 to 9.0	5.5 to 9.0
2.	Total Suspended Solid(as TSS) in mg/l	APHA 24 <sup>th</sup> Edition-2023, 2540 D	80	100	600
3.	Chemical Oxygen Demand (as COD) mg/l	APHA 24 <sup>th</sup> Edition-2023, 5220B	214	250	---
4.	Biochemical Oxygen Demand (as BOD) mg/l	IS:3025 (Part 44)-1993, RA:2019	64	30	350
5.	Oil & Grease in mg/l	APHA 24 <sup>th</sup> Edition-2023, 5520B	7.9	10	20

Report Prepared By:

for Qualissure Laboratory Services  
 Reviewed & Authorized By

Bishnupriya Banerjee, Chemist  
 (Authorized Signatory)

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

- The results relate only to the item(s) tested.
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## TEST REPORT

<b>Name &amp; Address Of the Customer :</b> <b>M/s. Orissa Metaliks Pvt. Ltd.(Unit-II)</b> Address: Vill- Gokulpur, P.O- Shyamraipur, P.S- Kharagpur (L), Paschim Medinipur- 721301, West Bengal.	Report No.	: QLS/P-31/23-24/C/28
	Date	: 25.04.2024
	Sample No.	: QLS/P-31/23-24/28
	Sample Description	: Effluent
	Sample Mark	: ETP Outlet
	Sample Drawn On	: 31.03.2024
	Date of Performance	: 02.04.2024-10.04.2024
Ref No. Date	: O224379375 Dated. 20.02.2024	

## Analysis Result

Sl. No.	Parameter	TEST METHOD	Result	Limit as per CPCB for discharge of effluents	
				Inland Surface Water	Public Sewers
1.	pH at 25 <sup>o</sup> C	APHA 24 <sup>th</sup> Edition-2023, 4500 H+	7.37	5.5 to 9.0	5.5 to 9.0
2.	Total Suspended Solid (as TSS) in mg/l	APHA 24 <sup>th</sup> Edition-2023, 2540 D	22	100	600
3.	Chemical Oxygen Demand (as COD) mg/l	APHA 24 <sup>th</sup> Edition-2023, 5220B	58	250	---
4.	Biochemical Oxygen Demand (as BOD) mg/l	IS 3025 (Part 44)-1993, RA:2019	12	30	350
5.	Oil & Grease in mg/l	APHA 24 <sup>th</sup> Edition-2023, 5520 B	<1.4	10	20

Report Prepared By:

for Qualissure Laboratory Services  
Reviewed & Authorized By

Bishnupriya Banerjee, Chemist  
(Authorized Signatory)

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DOC NO : QLS/SAMP/08-D/00

## TEST REPORT

<b>Name &amp; Address Of the Customer :</b> <b>M/s. Orissa Metaliks Pvt. Ltd.(Unit-II)</b> Address: VIII- Gokulpur, P.O- Shyamraipur, P.S- Kharagpur (L), Paschim Medinipur- 721301, West Bengal.	Report No.	: QLS/P-31/23-24/C/29
	Date	: 25.04.2024
	Sample No.	: QLS/P-31/23-24/29
	Sample Description	: Effluent
	Sample Mark	: STP Outlet
	Sample Drawn On	: 31.03.2024
	Date of Performance	: 02.04.2024-10.04.2024
Ref No. Date	: O224379375 Dated. 20.02.2024	

## Analysis Result

Sl. No.	Parameter	TEST METHOD	Result	Limit as per CPCB for discharge of effluents	
				Inland Surface Water	Public Sewers
1.	pH at 25 <sup>o</sup> C	APHA 24 <sup>th</sup> Edition-2023, 4500 H+	7.54	5.5 to 9.0	5.5 to 9.0
2.	Total Suspended Solid (as TSS) in mg/l	APHA 24 <sup>th</sup> Edition-2023, 2540 D	18	100	600
3.	Chemical Oxygen Demand (as COD) mg/l	APHA 24 <sup>th</sup> Edition-2023, 5220B	58	250	---
4.	Biochemical Oxygen Demand (as BOD) mg/l	IS 3025 (Part 44)-1993, RA:2019	14	30	350
5.	Oil & Grease in mg/l	APHA 24 <sup>th</sup> Edition-2023, 5520 B	<1.4	10	20

Report Prepared By:

for Qualissure Laboratory Services  
Reviewed & Authorized By

Bishnupriya Banerjee, Chemist  
(Authorized Signatory)

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## TEST REPORT

<b>Name &amp; Address Of the Customer :</b> <b>M/s. Orissa Metaliks Pvt. Ltd.(Unit-II)</b> Address: Vill- Gokulpur, P.O- Shyamraipur, P.S- Kharagpur (L), Paschim Medinipur- 721301, West Bengal.	Report No.	: QLS/P-31/23-24/C/25A
	Date	: 13.04.2024
	Sample No.	: QLS/P-31/23-24/25A
	Date Of Performance	: 02-05.04.2024
	Sample Description	: Noise Monitoring
	Ref No. Date	: O224379375 Dated. 20.02.2024

## Monitoring Result of Noise

Sampling Done By: C.Sahoo			
Sampling Guideline : As per IS: 9876: 1981 (RA-2001)			
Location : Near Pellet Plant Area			
Date of Monitoring : 31.03.2024			
Time	Lmax dB (A)	Lmin dB (A)	Avg. dB (A)
06.00-07.00	47.4	46.0	46.8
07.00-08.00	48.4	47.5	48.1
08.00-09.00	50.2	49.3	49.7
09.00-10.00	51.4	49.8	50.5
10.00-11.00	60.2	57.2	59.4
11.00-12.00	64.2	56.2	60.6
12.00-13.00	63.0	52.3	57.0
13.00-14.00	62.3	51.0	56.9
14.00-15.00	61.8	51.2	56.5
15.00-16.00	63.8	50.2	57.1
16.00-17.00	63.2	55.2	60.4
17.00-18.00	64.5	53.2	60.8
18.00-19.00	67.5	51.2	60.3
19.00-20.00	64.5	53.2	60.2
20.00-21.00	62.1	51.2	58.7
21.00-22.00	59.2	53.3	57.1
22.00-23.00	57.1	50.2	54.7
23.00-00.00	55.3	51.2	54.0
00.00-01.00	52.3	51.0	51.6
01.00-02.00	51.2	50.3	50.9
02.00-03.00	49.4	48.7	49.1
03.00-04.00	48.0	47.2	47.6
04.00-05.00	46.5	45.6	46.2
05.00-06.00	45.3	44.2	44.9

Leq dB Day Time	Leq dB Night Time	Average dB
59.4	50.3	54.1

Report Prepared By:

*Banikar*

for Qualissure Laboratory Services  
 Reviewed & Authorized By

*Banikar*  
 Benimadhab Gorai, Chemist  
 (Authorized Signatory)

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

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## TEST REPORT

<b>Name &amp; Address Of the Customer :</b> M/s. Orissa Metaliks Pvt. Ltd.(Unit-II) Address: VIII- Gokulpur, P.O- Shyamraipur, P.S- Kharagpur (L), Paschim Medinipur- 721301, West Bengal.	Report No.	: QLS/P-31/23-24/C/25C
	Date	: 13.04.2024
	Sample No.	: QLS/P-31/23-24/25C
	Date Of Performance	: 02-05.04.2024
	Sample Description	: Noise Monitoring
	Ref No. Date	: O224379375 Dated. 20.02.2024

## Monitoring Result of Noise

Sampling Done By: C.Sahoo			
Sampling Guideline : As per IS: 9876: 1981 (RA-2001)			
Location : Near Railway Siding			
Date of Monitoring : 31.03.2024			
Time	Lmax dB (A)	Lmin dB (A)	Avg. dB (A)
06.00-07.00	60.6	50.2	56.0
07.00-08.00	63.0	58.6	61.6
08.00-09.00	65.1	60.3	63.0
09.00-10.00	64.6	60.2	62.9
10.00-11.00	62.3	54.8	58.5
11.00-12.00	62.3	50.2	56.3
12.00-13.00	64.7	52.3	59.8
13.00-14.00	64.8	56.8	60.7
14.00-15.00	59.2	51.8	54.9
15.00-16.00	59.8	54.8	57.3
16.00-17.00	61.5	50.2	53.8
17.00-18.00	54.2	52.3	53.3
18.00-19.00	63.6	53.5	58.4
19.00-20.00	61.2	54.3	57.4
20.00-21.00	57.5	54.3	55.9
21.00-22.00	62.3	50.2	55.0
22.00-23.00	63.5	51.2	55.6
23.00-00.00	64.3	50.2	57.8
00.00-01.00	60.3	48.9	54.3
01.00-02.00	59.8	49.8	55.8
02.00-03.00	58.9	48.7	53.4
03.00-04.00	59.8	47.8	53.5
04.00-05.00	58.2	48.9	52.1
05.00-06.00	58.5	46.8	52.8

Leq dB Day Time	Leq dB Night Time	Average dB
59.7	57.0	56.7

Report Prepared By:

*Roukate*

for Qualissure Laboratory Services

Reviewed & Authorized By

Benimadhab Gorai, Chemist  
(Authorized Signatory)

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

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## TEST REPORT

<b>Name &amp; Address Of the Customer :</b> M/s. Orissa Metaliks Pvt. Ltd.(Unit-II) Address: Vill- Gokulpur, P.O- Shyamraipur, P.S- Kharagpur (L), Paschim Medinipur- 721301, West Bengal.	Report No.	: QLS/P-31/23-24/C/26
	Date	: 13.04.2024
	Sample No.	: QLS/P-31/23-24/26(A-C)
	Sample Description	: Noise
	Date of performance	: 02.04.2024-05.04.2024
	Ref No. Date	: 0222368533 Dated. 27.09.2022

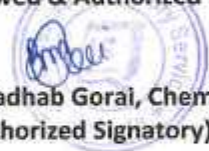
## Monitoring Result of Noise

Sampling Done By: C.Sahoo				
Sampling Guideline : As per IS: 9876: 1981 (RA-2001)				
Sample No.	Date of Monitoring	Location	Leq dB Day Time	Leq dB Night Time
26A	31.03.2024	Near Plant Main Gate	57.4	49.2
26B		Truck Parking Area	58.9	48.1
26C		Rajpura Village	54.6	44.5

Report Prepared By:

*Balkar*

for Qualissure Laboratory Services  
Reviewed & Authorized By



Benimadhab Gorai, Chemist  
(Authorized Signatory)

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FORM NO. 17

HEALTH

1. Serial No. in the Register of sick worker: 51571  
 2. Name of worker: Suresh Mondal  
 3. Sex: MALE

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

REGISTER

as amended vide Notification No. 120-LN/IR-1(8) dated 27th Nov. 1981

4. Date of birth: 1.1.1948

5. Medical examination and the results thereof

If the work is safe for work

No. 17-44-1981

Sl. No.	Name of worker in relation	Occupation	Medical condition	Medical certificate	Date of issue	Period of absence from work	Remarks for absence	Signature of medical officer
1	Suresh Mondal		G.I.T.		24.4.17			
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

Sl. No.	Name of worker in relation	Occupation	Medical condition	Medical certificate	Date of issue	Period of absence from work	Remarks for absence	Signature of medical officer
1	Suresh Mondal		G.I.T.		24.4.17			
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

1. Signature of medical officer should be accompanied by individual certificate.  
 2. This form should be used for each examination.

Handwritten signatures and stamps on the right side of the register, including a signature that appears to be "Suresh Mondal" and a stamp from the "West Bengal State Health Department".

FORM NO. 17

HEALTH

1. Social No. in the Register of adult worker: 3/857  
 2. Name of worker: AVISH EK KUMAR DAS  
 3. Sex: MALE

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

Occupational disease	Place of occurrence	Prevention measures taken	Date of first examination	Date of re-examination or date of termination of certificate	Date of expiry	Date of last medical examination	Remarks for certificate issued or date of expiry	Name and position of Medical Officer
Pharyngitis			G-E-T		05-11-19			
Pharyngitis			G-E-T		05-11-19			
Pharyngitis			G-E-T		05-11-19			

REGISTER

No. 3/857

As amended with Notification No. 1183-LN-DG-151 dated 27th Nov. 1981  
 4. Date of birth: 17-8-1975  
 5. Medical investigation and the results thereof

If declared unfit for work

Investigations conducted	Result	Period of absence from work	Remarks for certificate issued	Date of expiry of certificate	Date of re-examination	Signature of the Medical Officer
Pharyngitis	Fit					Dr. N. C. Das
Pharyngitis	Fit					Dr. N. C. Das
Pharyngitis	Fit					Dr. N. C. Das

Note - 1. Subject must be re-examined as indicated under 2. Final certificate to be issued as per instructions.

FORM NO. 17

**HEALTH**

1. Serial No. in the Register of adult worker: 31951 [Prescribed under Rules KJ & M of the West Bengal Factories Rules 1950]  
 2. Name of worker: CHITTA RAJAN BANIK  
 3. Sex: MALE

1	2	3	4	5	6	7	8	9
Department	Name of the worker	Designation	Date of entry	Date of exit	Reason for discharge	Remarks	Signature of the worker	Signature of the employer
Hand Electric		G.E.T	15.02.79					
Hand Electric		G.E.T	22.05.78					
Hand Electric		G.E.T	15.7.79					

**REGISTER**

As amended vide Notification No. 11834-W-B-191 dated 27th Nov. 1991  
 4. Date of birth: 19.06.1973  
 5. Medical examination and the results thereof

1	2	3	If declared unfit for work				7
			4	5	6	8	
Date of last medical examination	Result of last medical examination	Period of absence from work	Reason for getting unfit	Period of absence from work	Reason for getting fit	Signature of the worker	Signature of the employer
15.02.79	Fit						
22.05.78	Fit						
15.7.79	Fit						

*Dr. B. K. SINGH*  
 M.B.B.S. D.M.D.  
 M.C. COLLEGE OF MEDICAL SCIENCES  
 HOWRAH - 711005

*Dr. B. K. SINGH*  
 M.B.B.S. D.M.D.  
 M.C. COLLEGE OF MEDICAL SCIENCES  
 HOWRAH - 711005

1. Separate page should be maintained for individual worker.  
 2. This form should be kept for all employees.



FORM NO. 17

**HEALTH**

1. Serial No. in the Register of adult worker: **30447** [Prescribed under Rules 67 & 68 of the West Bengal Factories Rules 1950]  
 2. Name of worker: **RAJIB DALEI**  
 3. Sex: **Male**

Department No.	Name of health center	Particular Disease	Name of the physician	Date of examination	Result of examination	Remarks
1001 (1-53) Electrical		Leishman stomatitis		24-6-54		
1001 (1-53) Electrical		Leishman stomatitis		24-9-54		
1001 (1-53) Electrical		Leishman stomatitis		24-9-54		

Form No. 17 - Register kept should be preserved for individual worker.  
 2. Serial No. should be same for both registers.

**REGISTER**

No.

as prescribed under Notification No. 1181-LN-10-1-51 dated 27th Nov. 1951  
 4. Date of birth: **14-01-1927**  
 5. Medical examination and the results thereof

If the worker is fit for work

Name of worker & Serial No.	Age	Height (in feet & inches)	Weight (in lbs)	Date of examination	Date of next examination	Signature with date of the Physician, Superintendent of Factories or Authorized Officer
BP 115/75 mm Hg, 75 Pulse 72, RR 18, Temp 98.6 Hb 15.0 gm, Hct 45.0% PRE-5401/10/54	27	5-7	140			<i>[Signature]</i> DR. RAJIB DALEI 1001 (1-53) Electrical Dept. 24-9-54
BP 110/70 mm Hg, 75 Pulse 72, RR 18, Temp 98.6 Hb 15.0 gm, Hct 45.0% PRE-5401/10/54	27	5-7	140			<i>[Signature]</i> DR. RAJIB DALEI 1001 (1-53) Electrical Dept. 24-9-54
BP 110/70 mm Hg, 75 Pulse 72, RR 18, Temp 98.6 Hb 15.0 gm, Hct 45.0% PRE-5401/10/54	27	5-7	140			<i>[Signature]</i> DR. RAJIB DALEI 1001 (1-53) Electrical Dept. 24-9-54

FORM NO. 17

**HEALTH**

1. Serial No. in the Register of which worker: 33567

(Prescribed under Rules 42 & 44 of the West Bengal Factories Rules 1950)

2. Name of worker: AVIJIT KARIM

3. Sex: MALE

Department	Name of Machine	Department	Position	Date of Birth	Height	Weight	Remarks
Engineering (E.S.)			Technician	19.5.51			
Engineering (E.S.)			Technician	18.05.51			
Engineering (E.S.)			Technician	18.05.51			

1. Name and Address of the worker should be mentioned in additional copies.  
2. This card should be kept in safe custody.

**REGISTER**

as amended vide Notification No. 1133-LW(BE-55) dated 27th Nov. 2001

4. Date of birth: 05.05.1951

5. Medical examination and the result thereof

If absent state the reason

Name of worker	Height	Weight	Remarks	Date of Birth	Date of Medical Examination	Signature and Stamp of the Medical Officer
DR. 11810-00000 Pdr. 29 Group - 1 (E.S.) Pdr. 29 101-1000 Pdr. 29-10000 Pdr. 29-10000						<i>[Signature]</i> DR. 11810-00000 Pdr. 29-10000
DR. 11810-00000 Pdr. 29 101-1000 Pdr. 29-10000 Pdr. 29-10000						<i>[Signature]</i> DR. 11810-00000 Pdr. 29-10000
DR. 11810-00000 Pdr. 29 101-1000 Pdr. 29-10000 Pdr. 29-10000						<i>[Signature]</i> DR. 11810-00000 Pdr. 29-10000

FORM NO. 17

HEALTH

1. Serial No. in the Register of establishment: 23330  
 2. Name of worker: SIKASH MITI  
 3. Sex: MALE

[ Described under Rules 44 & 44 of the West Bengal Factories Rules 1928 ]

Serial No.	Name of worker	Designation	Department	Date of joining	Date of last medical examination	Result of last medical examination	Remarks
1	Sikash Mitri	...	...	...	...	...	...
2	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...

REGISTER

No.

as amended vide Notification No. 1181-L30-18-191 dated 27th Nov. 1980  
 4. Date of birth: 15-07-1974  
 5. Medical examination and the results thereof

If absent mark for walk

Name of worker	Age	Height	Weight	Heart rate	Blood pressure	Visual acuity	Other observations
Sikash Mitri	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...

Form 17 - Workers Health Register as amended vide Government Order No. 1181-L30-18-191 dated 27th Nov. 1980.

Dr. R. K. Sanyal  
 M.B.B.S. (General)  
 21, B.C. Chatterjee Street, Kolkata-700001  
 20/11/83

FORM NO. 17

**HEALTH**

1. Serial No. in the Register of such workers: **30493**  
 2. Name of worker: **BISWAJIT MAHAJYA**  
 3. DO: **M/S**

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

Department	Name of the worker	Designation	Name of the employer	Date of birth	Date of joining	Remarks	Signature of the worker
Manufacturing			Sumitra Text Mills	16-8-20			
Manufacturing			Sumitra Text Mills	16-8-20			
Manufacturing			Sumitra Text Mills	16-8-20			

**REGISTER**

as amended vide Notification No. 1133-LW-DR-1/80 dated 29th Nov. 1991

4. Date of birth: **16-08-2000**

5. Medical examination and the results thereof

If declared unfit for work

Name of the worker	Age	Result of Medical Examination	Remarks for not fit to work	Date of joining the work	Date of leaving the work	Signature of the worker
BT 122/27/1999/1608/24	47	FT				
RAS-96/100/101-0004						
GRAND A PRAJAPATI S/O/M						
PRE-100/100/05						
AP-100/100/05						
CAJ-110/100/05						
CAJ-110/100/05						
PRE-100/100/05						
BT 122/27/1999/1608/24	47	FT				
AP-100/100/05						
CAJ-110/100/05						
CAJ-110/100/05						
PRE-100/100/05						

Note: 1. Specimens should be submitted for medical tests.  
 2. This entry should be made for each specimen.

FORM NO. 17

**HEALTH**

1. Serial No. in the Register of sick workers: 52981 [ Prescribed under Rules 65 & 66 of the West Bengal Factories Rules 1950 ]  
 2. Name of worker: ANIL KUMAR DAS  
 3. Sex: MALE

1	2	3	4	5	6	7	8	9
Description of illness	Name of attending doctor	Diagnosis	Date of onset of illness	Date of recovery or date of discharge	Days of absence from work	Days of absence from work	Reason for absence from work	Signature of medical officer
Cholera		Cholera	26-02-77					
Amoebic Dysentery		Dysentery	26-02-77					
Cough with Sputum		Tracheitis	26-02-77					

**REGISTER**

as prescribed under Notification No. 1081-LW-28-1/91 dated 20th June, 1991  
 4. Date of birth: 04.05.1977  
 5. Medical examination and the results thereof


If absent from work					
1	2	3	4	5	6
Date of absence from work	Days of absence from work	Reason for absence from work	Signature of medical officer	Date of return to work	Signature of worker
02-17-77	15	Cholera			
02-26-77	1	Amoebic Dysentery			
02-26-77	1	Cough with Sputum			

Note - 1. Absence days should be indicated for individual worker.  
 2. Final entry should be made for each examination.

## 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		
01.	Pellet-2 Mech	Sousen Mandal 31871	M	26	G.E.T	29.6.2019	27 <sup>3</sup> / <sub>24</sub>	REC 6 6	SAS	fit
2.	pellet-3 Electrical	Avishak Kumar Das 31951	M	28	G.E.T	05.6.19	27 <sup>3</sup> / <sub>24</sub>	REC 6 6	SAS	fit
3	pellet-2 Electrical	Chittaranjan Barik 31951	M	30	G.E.T	15.7.19	27 <sup>3</sup> / <sub>24</sub>	REC 6 6	SAS	fit
4	pellet-2 Mech	Saidhans Adhikari 31904	M	44	Foreman	02.3.19	27 <sup>3</sup> / <sub>24</sub>	REC 6 6	SAS	fit
5	Pellet 2 operator.	Ashis Maiti 31959	M	29	D.E.T	15.7.19	27 <sup>3</sup> / <sub>24</sub>	REC 6 6	SAS	fit

Dr.   
 Regd. no. **Dr. Sanjay Das** 27.03.24  
**MBBS - DLO**  
 (Ophthalmologist)  
 Rgno: 42401  
 Ophthalmologist Sing. of Seal

**FORM NO. 17A**






**Record of Eye Examination**

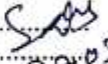
SL No.	DEPARTMENT/ WORK	NAME OF WORKER	SEX	AGE (on last birthday)	OCCUPATION		EXAMINATION OF EYE SIGHT		SIGNATURE OF OPHTHALMOLOGIST	REMARKS
					NATURE	Date of Employment	Date	Result		
26	petlet 823 operator	Rajib Dalei 30449	male	27 yrs	ss. opat	26.8.16	27.3.24	PEK 6		fit
27	Bambhlati operator	Biswajit Sarkar 30140	male	44 yrs	ss. operator	02.1.16	27.3.24	PEK 6		fit
28	Bambhlati E&I	Avijit Karam 32869	male	26 yrs	Jr Tech	18.5.21	27.3.24	PEK 6		fit
29	Bambhlati E&I	Bikash Mudi 33332	male	28 yrs	ITI	01.4.22	29.3.24	PEK 6		fit
30	Bambhlati Mech	Biswajit Mahata 32473	male	29 yrs	Jr Tech	18.08.20	27.3.24	PEK 6		fit

Dr. ....  
 Regd. no. ....  
**Dr. Sanjay Dalei**  
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 (Ophthalmologist)  
 Ophthalmologist Reg. of 2021

**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		
46	Pellet 5 operator	<del>Asish</del> Debasish Mahanta	M	29 yrs	operator	12.7.18	23.3.24	DB<6		Fit
47	Pellet 5 operator	Mukundadev Pradhan 31977	M	42 yrs	Sr. operator	19.7.19	23.3.24	DB<6		Fit
48	MBF 2 Mech	Pritham Pritya Khare 33035	M	28 yrs.	Engg	9.9.21	23.3.24	DB<6		Fit
49	MBF 2 operator	Kamal Das Prasad 31280	M	61 yrs	Guest House operator	14.7.18	23.3.24	DB<6		Fit
50	MBF 2 operator	Subrata Mandal 33460	M	26 yrs.	ASST-Engineer	23.9.22	23.3.24	DB<6		Fit

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 Regd. JP. Sanjay  
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27.03.24