

# EC Conditions Six Monthly Compliance Report

(by Project Proponent)



**Proposal No :** IA/WB/INB/5853/2011

## 1. Name of the Entity / Corporate Office :

## 2. Proponent Details :

Proponent Name :	BIJAYEN	Designation :	MANAGER
Telephone No :	33-22438518	Mobile No :	+91 8584041975
Fax No :	33-03322438517	Email Address :	orissametalikspvtltd@gmail.com
Website :		Pin Code :	700001
State :	West Bengal	District :	Kolkata
Village/Town :			

## 3. Compliance Letter/Report (Proponent):




## 4. Summary Status of Compliance :


Total Condition :	87		
Complied :	16	Being Complied :	60
Not Complied :	0	Partially Complied :	0
Agreed to Comply :	11		


## 5. Details of Production and Project Area :



## 6. Specific Conditions (Proponent):




S.No	Condition	Self Declaration	Remarks / Reason	Supporting Documents	Observation of IRO
1	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	Due to space constraint, kindly refer the attached file Compliance Report_Dec-2022		
2	All the condition prescribed in the environment clearance letter no. - 11011/604/2010-IA II (I); 01.06.2012 and 04-01-2017 shall be strictly complied with.	Being Complied	In compliance to this condition this report is being submitted.Last compliance report for period October 2021 to March 2022 was submitted vide letter no.-OMPL-KGP/ENV COMPL	N/A	

			/June-2022 dated 26.05.2022		
3	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	Complied	N/A	
4	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 to Comply	Agreed and Being Complied	N/A	
5	In case, there is a change in scope of the project, fresh environment clearance shall be obtained.	Agreed to Comply	Agreed	N/A	
6	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 to Comply	Agreed The matter has been disposed of by Honorable Calcutta High Court.	N/A	
7	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.	Being Complied	Due to space constraint, kindly refer attached file Compliance Report_Dec-2022.	N/A	
8	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 pro	Being Complied	Due to space constraint, kindly refer the below attached file Compliance Report_Dec-2022.		
9	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	Being Complied	Due to space constraint, kindly refer the below attached file Compliance Report_Dec-2022.		
10	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	Being Complied	Due to space constraint, kindly refer the below attached file Compliance Report_Dec-2022.		
11	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	Being Complied	Due to space constraint, kindly refer the below attached file Compliance Report_Dec-2022.	N/A	



	unloading of the raw material and finished product.				
12	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 r	Being Complied	Due to space constraint, kindly refer the below attached file Compliance Report_Dec-2022.	N/A	
13	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	Being Complied	Due to space constraint, kindly refer the below attached file Compliance Report_Dec-2022.	N/A	
14	The tailing pond/slime pond shall be lined with impervious lining. The garland drain shall be constructed around the tailing/slime pond.	Being Complied	Due to space constraint, kindly refer the below attached file Compliance Report_Dec-2022.	N/A	
15	The ground water quality around the tailing pond/slime pond shall be monitored regularly and records maintained.	Being Complied	Due to space constraint, kindly refer the below attached file Compliance Report_Dec-2022.		
16	The decanted water from the tailing/slime pond shall be re-circulated and there should be zero discharge from the slime/tailing pond.	Being Complied	Due to space constraint, kindly refer the below attached file Compliance Report_Dec-2022.	N/A	
17	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	Being Complied	Due to space constraint, kindly refer the below attached file Compliance Report_Dec-2022.	N/A	
18	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.	Complied	Disaster management plan and Emergency preparedness plan are in place based upon the national and international guidelines and is already been submitted to the Ministry's Regional Office.	N/A	

19	Green belt shall be developed in at least 33% of plant area as per the CPCB guidelines in consultation with the DFO.	Being Complied	Due to space constraint, kindly refer the below attached file Compliance Report_Dec-2022.	N/A	
20	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 Bh	Being Complied	Due to space constraint, kindly refer the below attached file Compliance Report_Dec-2022.	N/A	
21	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 te	Complied	We are providing four storeyed (20,000 square Ft.) staff quarter with drinking water, electricity and sanitation facilities.	N/A	
22	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/violat of environmental or fo	Complied	Due to space constraint, kindly refer the below attached file Compliance Report_Dec-2022.	N/A	
23	No additional disc shall be installed for expansion.	Agreed to Comply	Agreed	N/A	
24	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 to Comply	Agreed Project is being operated by name of M/s Orissa Metaliks private limited (Unit-II) after obtaining valid NOC & CTO from WBPCB.	N/A	
25	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.	Being Complied	Monitoring of the surface and ground water sources inside the plant premises and outside villages by NABL/MoEF&CC accredited laboratory is done on regular basis. Pls. refer the uploaded doc.		
26	'Zero' effluent discharge should be strictly followed and no wastewater should be discharged outside the premises.	Being Complied	Due to space constraint, kindly refer the below attached file Compliance	N/A	



			Report_Dec-2022.		
27	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	Due to space constraint, kindly refer the below attached file Compliance Report_Dec-2022.		
28	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 280. The dump should be scientifically vegetated with suitable native species to prevent erosion and surface run off. The reject dump shall be suitably	Being Complied	Due to space constraint, kindly refer the below attached file Compliance Report_Dec-2022.	N/A	
29	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	Due to space constraint, kindly refer the below attached file Compliance Report_Dec-2022.	N/A	
30	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.	Being Complied	Due to space constraint, kindly refer the below attached file Compliance Report_Dec-2022.		
31	A Disaster Management Plan should be prepared and a copy submitted to the Ministry's Regional Office at Bhubaneswar, SPCB and	Complied	Disaster management plan and Emergency preparedness	N/A	


	CPCB within 3 months of issue of environment clearance letter.		plan are in place based upon the national and international guidelines and is already been submitted to the Ministry's Regional Office.		
32	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	Being Complied	Effective & environment friendly Waste Management procedure is in place to ensure that the waste/materials are managed in a responsible manner. Pls. refer the uploaded documents.		
33	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	Being Complied	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. Pls. refer the uploaded documents		
34	The tailing pond/slime pond shall be lined with impervious lining. The garland drain shall be constructed around the tailing/slime pond.	Being Complied	low grade iron generated from beneficiation is stored in demarcated area. It has left-over Fe contents of 10-20%. This solid waste is used in sinter, paver block making etc. Pls. refer the uploaded doc	N/A	
35	The decanted water from the tailing/slime pond shall be re-circulated and there should be zero discharge from the slime/tailing pond.	Being Complied	Plant has been designed on 'ZLD' and it is ensured by top level management. The excess water from the tailing yard is transferred to slurry pond by garland drain and is sent to process tank	N/A	
36	The ground water quality around the tailing pond/slime pond shall be monitored regularly and records maintained.	Being Complied	Ground water quality monitoring & leachate analysis inside the factory's premises are done on regular basis by		

			NABL/MoEF&CC accredited laboratories. Pls. refer the uploaded documents		
37	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 Bh	Being Complied	Company has well-defined CSR policy under which it carries out social development and welfare measures in the surrounding villages. In FY Yr. 2022-23, Rs. 69900000 has been spent. Pls. refer the doc.	N/A	
38	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	Being Complied	The management of OMPL-II have constructed drains along the internal road, garland drains and are connected with 01 no guard/storm water collecting pond inside the plant premises to prevent run off	N/A	
39	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 te	Complied	We are providing four storeyed (20,000 square Ft.) staff quarter with drinking water, electricity and sanitation facilities.	N/A	
40	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.	Complied	Six monthly compliance reports have been submitted in regular basis. The last report for the period April 2022 to March 2022 was submitted vide letter no. OMPL-KGP/ENV COMPL /Dec-2022 dated 21.11.22	N/A	
41	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 r	Being Complied	The total freshly makes up water requirement for subject EC awarded project is 450 KLD. Company has adequate water withdrawal permission of ground water & surface water. Pls. refer the uploaded doc.	N/A	

42	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/violat of environmental or fo	Complied	Corporate Environmental Policy is implemented and system of the reporting of any infringements/ non-compliance of EC conditions to the Board of Directors there.	N/A	
43	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 pro	Being Complied	Adequate Measures have been taken for reducing the RSPM levels in the ambient air. Pls. refer the uploaded documents.		
44	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.	Being Complied	Adequate quantity of water sprinklers/ water guns are installed to control dust emissions during loading and unloading of the raw material and finished product.	N/A	
45	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	Being Complied	To control Gaseous emission levels including secondary fugitive emissions from all the sources within the latest permissible limits steps being adopted by company. Pls. refer the uploaded documents.		
46	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 to Comply	The matter has been disposed of by Honorable Calcutta High Court.	N/A	
47	Green belt shall be developed in at least 33% of plant area as per the CPCB guidelines in consultation with the DFO.	Being Complied	Green belt with 20 m width and density of 2500 per hectare s in place. In Fy. Yr. 2022-23 from Oct. to Mar. around 4904 saplings were planted and the survival rate is 89 %. Pls. refer the uploaded doc	N/A	
48	The reject generated during the beneficiation process shall be stacked at earmarked dump site only	Being Complied	Tailing/ Low grade iron generated from beneficiation is	N/A	





	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 280. The dump should be scientifically vegetated with suitable native species to prevent erosion and surface run off. The reject dump shall be suitably		stored in demarcated area and is used in sinter paver block making, road construction etc. Pls. refer the uploaded documents.		
49	'Zero' effluent discharge should be strictly followed and no wastewater should be discharged outside the premises.	Being Complied	Plant is designed on 'ZLD' concept and no wastewater is discharges outside the plant premises. Phenolic water is used for green ball making and in ABC of DRI kiln. Domestic water is trated in STP.	N/A	
50	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.	Being Complied	Ground water quality monitoring & leachate analysis inside the factory's premises are done on regular basis by NABL/MoEF&CC accredited laboratories. pls. refer the uploaded documents.		
51	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.	Being Complied	Monitoring of the surface and ground water sources inside the plant premises and outside villages by NABL/MoEF&CC accredited laboratory is done on regular basis. Pls. refer the uploaded doc.		
52	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	Being Complied	The management 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.	N/A	


	monsoon and maintained properly.				
53	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	The management is conducting third party monitoring of effluent, sub-surface and ground water by NABL/ WBPCB accredited laboratory. Pls. refer the uploaded documents.		



## 7. General Conditions (Proponent):


S.No	Condition	Self Declaration	Remarks / Reason	Supporting Documents	Observation of IRO
1	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 to Comply	Agreed Project is being operated by name of M/s Orissa Metaliks private limited (Unit-II) after obtaining valid NOC & CTO from WBPCB	N/A	
2	The project authorities must strictly adhere to the stipulation made by the West Bengal State Pollution Control Board and the State Government.	Being Complied	Due to space constraint, kindly refer the below attached file Compliance Report_Dec-2022.	N/A	
3	No further expansion or modifications in the plant shall be carried but without prior approval of the Ministry of Environment and Forests.	Agreed to Comply	Due to space constraint, kindly refer the below attached file Compliance Report_Dec-2022.	N/A	
4	The gaseous emissions from various process units shall conform to the load/mass-based standards notified by this Ministry on 19th May, 1993 and standards prescribed from time to time. The State Board may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location.	Being Complied	All the necessary measures have been adopted for preventing the gaseous emission in priority basis.	N/A	
5	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	Being Complied	Due to space constraint, kindly refer the below attached file Compliance Report_Dec-2022.	N/A	

	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.				
6	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.	Being Complied	Due to space constraint, kindly refer the below attached file Compliance Report_Dec-2022.	N/A	
7	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).	Being Complied	Due to space constraint, kindly refer the below attached file Compliance Report_Dec-2022.		
8	Occupational health surveillance of then workers shall be done on a regular basis and records maintained as per the Factories Act.	Being Complied	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.		
9	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.	Complied	Orissa Metaliks (P) Limited Unit-II has 30,000 KL (02 Nos.) rain water harvesting ponds in plant premises and harvested water are being used in dust suppression, greenbelt development.	N/A	
10	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.	Being Complied	Due to space constraint, kindly refer the below attached file Compliance Report_Dec-2022.	N/A	

11	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.	Being Complied	Due to space constraint, kindly refer the below attached file Compliance Report_Dec-2022.	N/A	
12	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.	Complied	Copies of EC were submitted to local bodies, Panchayat and Municipal bodies and also uploaded on the website of the company <a href="http://orissametal">http://orissametal</a>	N/A	
13	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 sh	Being Complied	Due to space constraint, kindly refer the below attached file Compliance Report_Dec-2022.	N/A	
14	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.	Being Complied	This report is being submitted as compliance to this point. Last compliance reports for the period October, 2021 to March 2022 submitted vide letter no.- OMPL-KGP/ENV COMPL /June-2022 dated 26.05.2022.	N/A	
15	The environment statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project	Being Complied	Due to space constraint, kindly refer the below attached file Compliance	N/A	

	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.		Report_Dec-2022.		
16	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	Complied	Advertisement for environment clearance transfer in two local newspapers that are widely circulated in region are: ?"Ekdin" (Bengali) dated 07.06.2012 ?"Business Standard" (English) dated 07.06.	N/A	
17	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.	Agreed to Comply	Noted Company is a private company and no finance is needed from outside.	N/A	
18	Sensitization of project proponents on implementation of ban on Single Use Plastic (SUP).	Agreed to Comply	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	N/A	
19	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).	Being Complied	The management takes all necessary steps to control the noise level (Ambient & Source) inside the plant premise. Monitoring is being carried by NABL/MoEF accredited. Pls. refer the uploaded doc.		
20	The project authorities must strictly adhere to the stipulation made by the West	Being Complied	Adequate measure has been taken by	N/A	

	Bengal State Pollution Control Board and the State Government.		management for pollution control and complying with all condition issues by CPCB and WBPCB. Reports of Monitoring and compliance are submitted on regular basis.		
21	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.	Complied	Company is a private company and no finance is needed from outside.	N/A	
22	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.	Being Complied	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. Pls. refer the uploaded doc.		
23	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.	Complied	Orissa Metaliks (P) Limited Unit-II has 30,000 KL (02 Nos.) rain water harvesting ponds in plant premises and harvested water are being used in dust suppression, greenbelt development.	N/A	
24	Occupational health surveillance of then workers shall be done on a regular basis and records maintained as per the Factories Act.	Being Complied	OHS of the workers is being periodically accessed and records are being maintained as per the Factories Act 1948. Company is ISO 45001:2018 certified. Pls. refer the uploaded doc.		
25	No further expansion or modifications in the plant shall be carried but without prior approval of the Ministry of Environment and Forests.	Agreed to Comply	In compliance to this point, management under clause 7(II)of EIA 2006 obtained expansion of existing pellet plant from No Increase In	N/A	

			Pollution Load Committee, WBPCB memo no.131-2N-29/2019(E)dt-16.3.22		
26	The gaseous emissions from various process units shall conform to the load/mass-based standards notified by this Ministry on 19th May, 1993 and standards prescribed from time to time. The State Board may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location.	Being Complied	All the necessary measures have been adopted for preventing the gaseous emission in priority basis.	N/A	
27	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.	Being Complied	The management are in process of complying all the commitments and recommendations made in the EIA/EMP report, undertaking socio-economic development activities. Pls. refer the uploaded doc.	N/A	
28	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.	Complied	Copies of EC were submitted to local bodies, Panchayat and Municipal bodies and also uploaded on the website of the company <a href="http://orissameta">http://orissameta</a>	N/A	
29	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.	Complied	for monitoring the AAQ around industrial units of the Group 04 nos. CAAQMS (USEPA/ MCERT approved) are installed after getting site approval from WBPCB. Pls. refer the uploaded doc.		
30	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	Being Complied	This report is being submitted as compliance to this point. The last compliance reports for the period April, 2022 to Sept. 2022 submitted	N/A	

	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.		vide letter no. - OMPL-KGP/ENV COMPL /Dec-2022 dated 21.11.22		
31	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 sh	Being Complied	The status of compliance of the EC conditions are uploaded on the website of the company <a href="http://orissametal">http://orissametal</a> Emission levels of pollutants displayed outside the main gate	N/A	
32	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.	Being Complied	The plant is designed as ZLD. 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. Domestic waste water is treated in STP.	N/A	
33	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.	Being Complied	For Fy. Yr. 2021-2022 Form-V as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, is submitted vide letter no- OMPL-II/ENV_Statement dated 23.09.2022 to WBPCB.	N/A	
34	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	Complied	Advertisement for EC transfer done, in two local newspapers that are widely circulated in the region are: "Ekdin" (Bengali) dated 07.06.2012 and "Business Standard" (English) dated 07.06.12	N/A	



	circulated in the region of which one shall be in the vernacular language of				
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**\*\*Note : N/A - Not Available**

**PRINT**



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**Six Monthly (June-2023) Compliance Report for Period October 2022 to March 2023 for Iron Ore Beneficiation Plant (Matching with Pellet Plant), Pellet Plant (2.2 MTPA), Producer Gas Plant (480 TPD or 75,000 Nm<sup>3</sup>/hr), at Gokulpur, Tehsil-Kharagpur, District- Paschim Medinipur (W.B.)**

1 message

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ORISSA METALIKS <orissametalikspvtltd@gmail.com>

Fri, May 26, 2023 at 11:19 AM

To: iro.kolkata-mefcc@gov.in, ms@wbpcb.gov.in, "wbpcbnet@wbpcb.gov.in" <wbpcbnet@wbpcb.gov.in>, 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 2022 to March 2023 for EC No-J -11011/604/2010-IA II (I); Dated 01.06.2012, 04.01.2017 & 02-06.2017, 23.09.2020 & 16.03.2022 for Iron Ore Beneficiation Plant (Matching with Pellet Plant), Pellet Plant (2.2 MTPA), Producer Gas Plant (480 TPD or 75,000 Nm<sup>3</sup>/hr) at Gokulpur, Tehsil- Kharagpur, District- Paschim Medinipur (W.B.), operated in the name of M/s Orissa Metaliks Private Limited (Unit-II), in soft copy format vide mail.

As per Environment Clearance, Special as well as General Condition wise status report along with monitoring data for the environmental parameters is enclosed for your kind perusal.

We assured that we will comply with all the conditions laid down in the consent letter and also abide to follow all the Rules & Regulations.

Hope you will find the same in order.

Thanking you.

With warm Regards,

BIJAYEN SRIVASTAVA

**Manager- Environment & Pollution**

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

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

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

**Fax : 91 33-22894254**

**Mbl. No-07044070948**

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 **Compliance\_ OMPL-II -PELLET-2012-JUNE-2023.pdf**  
16430K

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

Date: 25/05/2023

To,

**Integrated Regional Office,  
Ministry of Environment, Forests & Climate Change  
Kolkata IB – 198, Sector-III, Salt Lake City– 700106  
West Bengal**

**Sub. Six Monthly (June-2023) Compliance Report** for Period October' 2022 to March' 2023 for Iron Ore Beneficiation Plant (matching pellet plant), Pellet Plant (2.2 MTPA) and Producer Gas Plant (480 TPD or 75,000 Nm<sup>3</sup>/hr) at Gokulpur, Tehsil- Kharagpur, District- Paschim Medinipur West Bengal

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

Dear Sir,

With reference to the above, we are hereby submitting the six monthly compliance reports period from October 2022 to March 2023 for EC No- J -11011/182/2012-IA II (I); Dated 24<sup>th</sup> February 2015, 23.09.2020 & 16.03.2022; for Iron Ore Beneficiation Plant/Wet Grinding (matching pellet plant), Pellet Plant (2.2 MTPA) and Producer Gas Plant (480 TPD or 75,000 Nm<sup>3</sup>/hr) at Gokulpur, Tehsil- Kharagpur, District- Paschim Medinipur (W.B.), operated in the name of M/s Orissa Metaliks Private Limited (Unit-II), in soft copy format vide mail.

As per Environment Clearance, Special as well as General Condition wise status report along with monitoring data for the environmental parameters is enclosed for your kind perusal.

We assured that we will comply all the conditions laid down in the consent letter and also abide to follow all the Rules & Regulations.

Hope you will find the same in order.

Thanking you.

Yours Faithfully,

For, **M/s Orissa Metaliks Private Limited**

**Authorised Signatory**

**C.C.:-**

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

# SIX MONTHS COMPLIANCE REPORT

**October 2022 to March 2023**

FOR

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

**EC No.-J-11011/604/2010-1A II (I) dated  
01.06.2012; 04.01.2017; 02.06.2017; 23.09.2020 &  
16.03.2022**

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



**M/s ORISSA METALIKS PRIVATE LIMITED**

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

**Email id-orissametalikspvtltd@gmail.com**

**Name of the Project: -**

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


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

EC No-J -11011/604/2010-IA II (I); Dated 01.06.2012, 04.01.2017, 02-06.2017, 23.09.2020 and 'No increase in pollution load certificate' under clause 7 (II) b of EIA notification issued by WBPCB vide memo no.131-2N-29/2019(E)-Pt.II dated 16.03.2022.

**Period of Compliance Report: -**

October 2022 to March 2023

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

A.	Specific Conditions w.r.t to EC amendment dated 02.06.2017	Compliance Status
i)	The PP shall carryout the required plantation as per the EC within 06 months from date of EC and compliance of the same shall be submitted to Regional office of MoEF&CC	Being Complied  Green belt with 20 m width and density of 2500 per hectare along and around boundary of the site towards the highway sapling/ plantation already started. In financial year 2022-23, (October to March) around 4904 saplings were planted and the survival rate is 89 %. 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> .  



		
<b>ii)</b>	No additional disc shall be installed for expansion.	Agreed
<b>iii)</b>	All the condition prescribed in the environment clearance letter no. - 11011/604/2010-IA II (I); 01.06.2012 and 04-01-2017 shall be strictly complied with.	Being Complied In compliance to this condition, this report is being submitted. The last compliance report for the period April 2022 to September 2022 was submitted vide letter no. - OMPL-KGP/ENV COMPL /Dec-2022 dated 21.11.2022.

<b>A.</b>	<b>Specific Conditions w.r.t to EC Transfer dated 04.01.2017</b>	<b>Compliance Status</b>
<b>i)</b>	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.
<b>ii)</b>	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
<b>iii)</b>	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
<b>iv)</b>	In case, there is a change in scope of the project, fresh environment clearance shall be obtained.	Agreed

<b>A.</b>	<b>Specific Conditions w.r.t to EC amendment dated 01.06.2012</b>	<b>Compliance Status</b>
<b>i)</b>	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 2022 to March 2022 was submitted vide letter no. - OMPL-KGP/ENV COMPL /Dec-2022 dated 21.11.2022.</p>									
iii)	Measures shall be undertaken to mitigate particulate emissions in the ambient air and a time bound action plan should be provided and sufficient air pollution control devices viz. Electrostatic precipitator (ESP), bag house, bag filters etc. should be provided to keep the emission levels below 50 mg/Nm <sup>3</sup> and installing energy efficient technology. No charcoal should be used as raw material.	<p style="text-align: center;">Being Complied</p> <p>Adequate Measures have been taken for reducing the RSPM levels in the ambient air like:</p> <ol style="list-style-type: none"> <li>a) Installed dust suppression system and bag filters at conveyor and transfer points, product handling, loading and unloading points.</li> <li>b) 60 nos. fixed water sprinklers/ water gun installed in the critical areas like internal roads, plant area, railway siding and raw materials handling area for effectively controlling the fugitive emission.</li> <li>c) Dedicated 01 No water spraying tankers are in use.</li> <li>d) Concreting of internal road with proper drainage system to reduce fugitive emission because of movement of trucks.</li> <li>e) 01 no movable Water mist fog system is being used in order to reduce the fugitive dust.</li> <li>f) Frequency of Mechanical Street sweeping machine with vacuum cleaning has been increased from 02 times a days to 04 times a day.</li> <li>g) Dry fog system is installed</li> </ol> <p>Management complies with all the conditions issued by Central &amp; state Government Authorities and reports are submitted to concerned department in time bound manner</p> <p>After taking into consideration the interest and financial share cost from associate company of the Group, for monitoring the Ambient Air quality around industrial units of the Group, 04 nos. Continuous Ambient Air Quality Monitoring Station (USEPA/ MCERT approved) is installed covering upwind, downwind and crosswind directions after getting site approval from WBPCB and data is transferred to SPCB &amp; CPCB server.</p> <p>CAAQMS data are enclosed as <b>Annexure-IV</b>.</p>									
iv)	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16 <sup>th</sup> November, 2009 should be followed	<p style="text-align: center;">Being Complied</p> <p>Management is strictly maintaining the National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16<sup>th</sup> November, 2009. Ambient Air Quality (AAQ) is regularly monitored by NABL/ MoEF accredited laboratory.</p> <p>Recently at two locations viz., Dhekia 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 2023, AAQ levels are as follows:</p> <table border="1" data-bbox="760 1850 1500 1946"> <thead> <tr> <th>Parameter</th> <th>Dhekia</th> <th>Near plant main gate</th> </tr> </thead> <tbody> <tr> <td>PM<sub>10</sub> (µg/m<sup>3</sup>)</td> <td>73</td> <td>79</td> </tr> <tr> <td>PM<sub>2.5</sub> (µg/m<sup>3</sup>)</td> <td>34</td> <td>47</td> </tr> </tbody> </table>	Parameter	Dhekia	Near plant main gate	PM <sub>10</sub> (µg/m <sup>3</sup> )	73	79	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	34	47
Parameter	Dhekia	Near plant main gate									
PM <sub>10</sub> (µg/m <sup>3</sup> )	73	79									
PM <sub>2.5</sub> (µg/m <sup>3</sup> )	34	47									



SO <sub>2</sub> (µg/m <sup>3</sup> )	7.8	7.2
NO <sub>x</sub> (µg/m <sup>3</sup> )	25.6	28.2
CO (mg/m <sup>3</sup> )	675	755

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 2023 the emission levels are as follows:

Parameter	Pellet Plant Area I & II	Railway Siding Area	Product House Area	Iron Ore Beneficiation Area
SPM (µg/m <sup>3</sup> )	282	222	246	368





		The Fugitive Emission analysis reports are attached in as <b>Annexure-VI.</b>
<b>vi)</b>	Vehicular pollution due to transportation of raw material and finished product should be controlled. Proper arrangements should also be made to control dust emissions during loading and unloading of the raw material and finished product.	<p>Being Complied</p> <ul style="list-style-type: none"> <li>• 01 no. water spraying tanker engaged for regular water sprinkling on haul roads for control the fugitive emission.</li> <li>• Internal roads concreted with proper drainage system to reduce fugitive emission because of movement of trucks.</li> <li>• Overloading of truck is strictly prohibited.</li> </ul> <p>Adequate quantity of water sprinklers/ water guns are installed to control dust emissions during loading and unloading of the raw material and finished product.</p> <p>To ensure minimal vehicular emission during transportation of Raw Materials, finished products movements/ transportation is done by covered dumpers / vehicles or covered by tarpaulins.</p>
<b>vii)</b>	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>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>  <p style="text-align: center;"><b>RAIN WATER HARVESTING POND</b></p>
<b>viii)</b>	Regular monitoring of influent and effluent surface, sub-surface and ground water should be ensured and treated wastewater should meet the norms prescribed by the State Pollution Control Board or described under E (P) Act whichever are more stringent.	<p>Being Complied</p> <p>The management of OMPL-II is conducting third party monitoring of effluent, sub-surface and ground water by M/s 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>
<b>ix)</b>	'Zero' effluent discharge should be strictly followed and no wastewater should be discharged outside the premises.	<p>Being Complied</p> <p>Plant has been designed on 'Zero Liquid Discharge' concept and no wastewater is generated outside the plant premises. Water in pellet plant is used for cooling purpose and Phenolic water is used for green</p>



		ball making and in ABC of DRI kiln of OMPL (Unit-I) plant.  Domestic waste water is treated in STP of adequate capacity.
x)	Regular monitoring of influent and effluent surface, sub-surface and ground water should be ensured and treated wastewater should meet the norms prescribed by the State Pollution Control Board or described under the Environment (Protection) Act whichever are more stringent. Leachate study for the effluent generated and analysis should also be regularly carried out and report submitted to the Ministry's regional Office at Bhubaneswar, SPCB and CPCB.	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	Being Complied  The management of OMPL-II have constructed drains along the internal road, garland drains and are connected with 01 no guard/storm water collecting pond inside the plant premises to prevent run off of water and flow of sediments directly into the water body. The collected water is used for dust suppression, Green Belt development, road side watering purposes.





	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.	
<b>xiv)</b>	The tailing pond/slime pond shall be lined with impervious lining. The garland drain shall be constructed around the tailing/slime pond.	<p>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>Used in Sinter Plant of associate company</li> <li>Used as aggregate in concrete/ pavement development.</li> <li>Value addition construction materials viz., bricks / and</li> <li>Balance used for road construction</li> </ol> <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>
<b>xv)</b>	The ground water quality around the tailing pond/slime pond shall be monitored regularly and records maintained.	<p>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>
<b>xvi)</b>	The decanted water from the tailing/slime pond shall be re-circulated and there should be zero discharge from the slime/tailing pond.	<p>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>
<b>xvii)</b>	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.	<p>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>



<p><b>xviii)</b></p>	<p>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>	<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 (2021-2022) 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" data-bbox="716 982 1541 1524"> <thead> <tr> <th data-bbox="716 982 813 1052">Sr. No</th> <th data-bbox="813 982 1065 1052">Solid Waste</th> <th data-bbox="1065 982 1541 1052">Solid Waste Management</th> </tr> </thead> <tbody> <tr> <td data-bbox="716 1052 813 1146">1</td> <td data-bbox="813 1052 1065 1146">Dust from ESP and Bag Filters of Pellet Plant</td> <td data-bbox="1065 1052 1541 1146">Reused in process</td> </tr> <tr> <td data-bbox="716 1146 813 1241">2</td> <td data-bbox="813 1146 1065 1241">Iron Ore Tailings/ Low grade iron</td> <td data-bbox="1065 1146 1541 1241">Used in Sinter Plant of Associate Company. Aggregate in Concrete, Paver Block making, road construction</td> </tr> <tr> <td data-bbox="716 1241 813 1362">3</td> <td data-bbox="813 1241 1065 1362">Coal Tar</td> <td data-bbox="1065 1241 1541 1362">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 data-bbox="716 1362 813 1430">4</td> <td data-bbox="813 1362 1065 1430">Tar Sludge</td> <td data-bbox="1065 1362 1541 1430">Tar sludge is sent to WBPCB authorized vendor.</td> </tr> <tr> <td data-bbox="716 1430 813 1524">5</td> <td data-bbox="813 1430 1065 1524">Phenolic Water</td> <td data-bbox="1065 1430 1541 1524">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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<p><b>xix)</b></p>	<p>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>	<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>																		
<p><b>xx)</b></p>	<p>Green belt shall be developed in at least 33% of plant area as per the CPCB guidelines in consultation with the DFO.</p>	<p style="text-align: center;">Being Complied</p> <p>As stated in <b>point no-i</b>, Green belt with 20 m width and density of 2500 per hectare along and around boundary of the site towards the highway sapling/ plantation already started. In financial year 2022-23 from October to March around 4904 saplings were planted and the survival rate is 89 %. To maintain green belt dedicated manpower has been deployed.</p>																		



<p><b>xxi)</b></p>	<p>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>	<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 2022-23, OMPL company has spent Rs. 6, 99, 00,000 under the head of CSR/CER. The recent CSR/CER photograph are:</p>  
<p><b>xxii)</b></p>	<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>	<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>
<p><b>xxiii)</b></p>	<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 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</p>	<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> 


	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.	
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<b>A.</b>	<b>General Conditions :</b>	<b>Compliance Status</b>
<b>i)</b>	The project authorities must strictly adhere to the stipulation made by the West Bengal State Pollution Control Board and the State Government.	Being Complied Adequate measure has been taken by management of OMPL for pollution control and complying with all condition issues by Central Pollution Control Board and State Pollution Control Board. Reports of Monitoring and compliance are submitted to WBPCB on regular basis.
<b>ii)</b>	No further expansion or modifications in the plant shall be carried but without prior approval of the Ministry of Environment and Forests.	Agreed In compliance to this point, management under clause 7(II) of EIA notification obtained expansion of existing pellet plant from No Increase In Pollution Load Committee, WBPCB memo no.131-2N-29/2019(E)-Pt.II dated 16.03.2022.
<b>iii)</b>	The gaseous emissions from various process units shall conform to the load/mass-based standards notified by this Ministry on 19 <sup>th</sup> May, 1993 and standards prescribed from time to time. The State Board may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location.	Being Complied All the necessary measures have been adopted for preventing the gaseous emission in priority basis.
<b>iv)</b>	At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM10, SO <sub>2</sub> , and NO <sub>x</sub> are anticipated in consultation with the SPCB Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its Regional Office at Bhubaneswar and the SPCB/CPCB once in six months.	Being Complied Ambient air quality monitoring is carried out on regular basis for the relevant parameters as specified in the environment clearance i.e. PM10, PM2.5, SO <sub>2</sub> , and NO <sub>x</sub> by NABL/ MoEF&CC accredited laboratory. The reports are regularly being submitted to MOEF and WBPCB. 01 nos. manual AAQM systems installed at plant main gate and also after taking into consideration the interest and financial share cost from associate company of the Group, for monitoring the Ambient Air quality around industrial units of the Group 04 nos. Continuous Ambient Air Quality Monitoring Station (USEPA/ MCERT approved) are installed covering upwind, downwind and crosswind directions after getting site approval from WBPCB and the online ambient air quality data is being transferred to WBPCB online server. The latest Ambient Air Quality (AAQ) analysis reports (CAAQMS & third party monitoring) are already attached in as <b>Annexure-IV &amp; Annexure-V</b> .
<b>v)</b>	Industrial wastewater shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19 <sup>th</sup> May, 1993 and 31 <sup>st</sup> December, 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.	Being Complied The plant is designed as Zero Discharge Plant. Water in pellet plant is used for cooling purpose and Phenolic water is used for green pellet ball making and in ABC of DRI kiln of OMPL (Unit-I) plant. Domestic waste water is treated in STP of adequate capacity.
<b>vi)</b>	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	Being Complied The management takes all necessary steps to control the noise level (Ambient & Source) inside the plant premises and a dedicated team is engaged to continuously check the noise level.



	<p>noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (night-time).</p>	<p>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, Dhekia Village, Railway Siding &amp; Pellet Plant Area by third party monitoring agency M/s Qualissure 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="743 449 1515 600"> <thead> <tr> <th rowspan="3">Parameter</th> <th>Near Plant Main Gate</th> <th>Dhekia Village</th> <th>Railway Siding</th> <th>Near Pellet Plant Area</th> </tr> <tr> <th colspan="2">Ambient</th> <th colspan="2">Source</th> </tr> <tr> <th>Avg.</th> <th>Avg.</th> <th>Avg.</th> <th>Avg.</th> </tr> </thead> <tbody> <tr> <td>Leq (dBA)</td> <td>57.5</td> <td>53.1</td> <td>58.4-71.2</td> <td>44.9-73.7</td> </tr> </tbody> </table> <p>The Ambient &amp; Work Zone Noise quality monitoring reports are enclosed as <b>Annexure - IX</b>.</p>	Parameter	Near Plant Main Gate	Dhekia Village	Railway Siding	Near Pellet Plant Area	Ambient		Source		Avg.	Avg.	Avg.	Avg.	Leq (dBA)	57.5	53.1	58.4-71.2	44.9-73.7
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Leq (dBA)	57.5	53.1	58.4-71.2	44.9-73.7																
vii)	<p>Occupational health surveillance of then workers shall be done on a regular basis and records maintained as per the Factories Act.</p>	<p>Being Complied With</p> <p>Occupational health surveillance of the workers is being periodically accessed and records are being maintained as per the Factories Act 1948. Company is ISO 45001:2018 certified.</p> <p>The OHS record is being enclosed as <b>Annexure-X</b>.</p>																		
viii)	<p>The company shall develop surface water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.</p>	<p>Complied</p> <p>Orissa Metaliks (P) Limited Unit-II has 30,000 KL (02 Nos.) rain water harvesting ponds in plant premises and harvested water are being used in dust suppression, greenbelt development.</p>																		
ix)	<p>The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report. Further, the company must undertake socio-economic development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc.</p>	<p>Being Complied</p> <p>The management of OMPL are in process of complying all the commitments and recommendations made in the EIA/EMP report, undertaking socio-economic development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc. under CSR/CER head.</p> <p>The CSR details are already discussed in <b>point no-xxi</b>.</p>																		
x)	<p>Requisite amount shall be earmarked towards capital cost and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional Office of the Ministry at Bhubaneswar. The funds so provided shall not be diverted for any other purpose.</p>	<p>Being Complied</p> <p>An amount of Rs. 12.5 crores and Rs.2.40 crores towards capital cost and annual recurring cost deployed for implementing the environmental protection measures.</p> <p>The details of expenditure incurred in financial year 2022-23 for the operational plants are as follows:</p> <table border="1" data-bbox="721 1535 1539 1936"> <thead> <tr> <th colspan="4">Recurring Cost Incurred on Environmental Safeguard for OMPL-II plant</th> </tr> <tr> <th>Year</th> <th>Particulars</th> <th>Narration</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td rowspan="3">2022-2023 (Oct. to March.)</td> <td>Green Belt Development</td> <td>Maintenance, labour cost, etc.</td> <td>5,80,000.00</td> </tr> <tr> <td>House Keeping &amp; Solid/H.Z Waste Management System</td> <td>Labour charges, Drainage Cleaning and other materials</td> <td>2,85,000.00</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>2,00,000.00</td> </tr> </tbody> </table>	Recurring Cost Incurred on Environmental Safeguard for OMPL-II plant				Year	Particulars	Narration	Amount	2022-2023 (Oct. to March.)	Green Belt Development	Maintenance, labour cost, etc.	5,80,000.00	House Keeping & Solid/H.Z Waste Management System	Labour charges, Drainage Cleaning and other materials	2,85,000.00	Analysis & Monitoring of Environmental Parameters	Stack, Fugitive, Ambient, Water etc. Monitoring & Analysis, In-house Analysis	2,00,000.00
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			O.H. Management & Safety Plan	Occupational Health Management, Risk Mitigation & Safety Plan	1,40,000.00
			O & M on A.P.C Devices	Operation & Maintenance cost, Electricity consumption etc. on A.P.C Device installed.	1,19,10,200.00
			<b>TOTAL</b>		<b>1,31,15,200.00</b>
<b>xi)</b>	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.	Complied			
		Copies of EC were submitted to local bodies, Panchayat and Municipal bodies and also uploaded on the website of the company <a href="http://orissametaliks.com/qehs.html">http://orissametaliks.com/qehs.html</a>			
<b>xii)</b>	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.	Being Complied			
		The status of compliance of the environmental clearance conditions are/ will be uploaded on the website of the company <a href="http://orissametaliks.com/qehs.html">http://orissametaliks.com/qehs.html</a>			
		Emission levels of pollutants of different units is displayed on board as per CPCB format issued vide File no-B-29016 NGT/C-10/2020/ WM II/Div./ Dated 20th January 2020 outside the main gate of the plant for disclosure to the public and also uploaded on the website of the company <a href="http://orissametaliks.com/qehs.html">http://orissametaliks.com/qehs.html</a> .			
					
		<b>MANUAL DISPLAY BOARD</b>			
		Electronic display board is installed at plant main gate and online stack emission data a CAAQMS data is also being displayed.			
<b>xiii)</b>	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	Being Complied			
		This report is being submitted as compliance to this point.			
		The last compliance reports for the period April, 2022 to September 2022 submitted vide letter no. – OMPL-KGP/ENV COMPL /Dec-2022 dated 21.11.2022.			





	Bhubaneswar/CPCB/SPCB shall monitor the stipulated conditions.	
xiv)	The environment statement for each financial year ending 31 <sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Office of the MOEF at Bhubaneswar by e-mail.	Being Complied  Environmental Statement for financial year 2021-2022 in Form-V as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, is submitted vide letter no- OMPL-II/ENV_Statement/2021-22 dated 23.09.2022 to the West Bengal Pollution Control Board and also uploaded on the website of the company <a href="http://orissametaliks.com/qehs.html">http://orissametaliks.com/qehs.html</a>
xv)	The project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at Website of the Ministry of Environment and Forests at <a href="http://envfor.nic.in">http://envfor.nic.in</a> . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same should be forwards to the Regional office at Bhubaneswar.	Compiled  Advertisement for environment clearance transfer, in two local newspapers that are widely circulated in the region are:  ❖ "Ekdin" (Bengali) dated 07.06.2012  ❖ "Business Standard" (English) dated 07.06.2012
xvi)	Project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.	Noted  Company is a private company and no finance is needed from outside.
<b>F. No. IA3-22/8/2021-IA.III [E 150512] dated 18.07.2022</b>		
I)	Sensitization of project proponents on implementation of ban on Single Use Plastic (SUP).	In order to create awareness among the employees about the harm/ impact of Single Use Plastic on environment , banner and flex are displayed at suitable place like work place, canteen, parking area etc.

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# ANNEXURE-I



WEST BENGAL POLLUTION CONTROL BOARD  
 HALDIA REGIONAL LABORATORY  
 Rajbanshi Chowk, P.O. Bagmati, P.S. Bhatnagar, Haldia  
 Dist. Medinipur, 721557

## Analysis Report of Gaseous Emission

Analysis Done at Haldia Regional Laboratory

1. Name of Industry		M/s Durga Metals Pvt. Ltd. (MID)	
2. Address		MID & CIL- Industrial Park, Bagmati, P.S. Bhatnagar, Locality: Dist. Purba Medinipur	
3. Category & Type		Red, Pallet Plant	
4. Sampling Date		17/01/2023	
5. Duration of Sampling		34 min	
6. Name of Laboratory		M/s Envirocheck	
7. Height of Stack from ground (m)		30.0	
8. Cross section of Stack at sampling point (m <sup>2</sup> )		7.0714	
9. Stack connected to		Pallet Pre Heater II	
10. Emission due to (Furnace/Boiler)		Combustion of Coal & Producer Gas	
11. Average operational hours of boiler/furnace (per month)		720 hrs/month	
12. APC System (if any)		ESP	
13. Working load of source (MT/hr)		1300 TPD	
14. Fuel used		Coal and Producer Gas	
15. Rated Fuel consumption (Kg or l/hr)		-	
16. Working Fuel consumption (Kg or l/hr)		Coal-2.5 MTPH And Producer Gas-3800 m <sup>3</sup> /hr	
17. Nature of Furnace/Boiler		Pallet Pre Heater	
18. Flue gas Temp. (°C)		88.10	
19. Flue gas velocity m/s	18.21	20. Volume of Flue gas drawn in lit (m <sup>3</sup> )	1.020
21. Corrected flue gas volume (Nm <sup>3</sup> )	0.9652	22. Percentage CO <sub>2</sub> & O <sub>2</sub>	CO <sub>2</sub> -8.8% & O <sub>2</sub> -11.8%
23. To be compensated at (% if required)		-	
24. Initial wt of desiccant (gm)	1.4756	25. Final wt of desiccant (gm)	1.4943
26. Wt. of PbE (mg)	17.79	27. Particulate matter (mg/Nm <sup>3</sup> )	18.34
28. Barometric Pressure (Head)	754 mm of Hg	29. Diameter of the nozzle	6.35 mm
30. ODS#		31. Desiccant No.	250
32. Sampled by:		N.C. Basu, AEE, HRO	

\*Done by M/s Envirocheck

*Sourish Ghosh*  
 08/01/23  
 Scientist

*N.C. Basu*  
 17/01/23  
 Signature of In-Charge

Copy to:

1. Chief Engineer, O & E, WBPCB
2. Chief Scientist, WBPCB
3. AEE & IC, H.R.O., WIMCB (two copies)



WEST BENGAL POLLUTION CONTROL BOARD  
HALDIA REGIONAL LABORATORY  
Raghunathchak, P.O Birghatipur, P.S- Bhadrampur, Haldia  
Purba Medinipur- 721657

**Analysis Report of Gaseous Emission**  
Analysis Done at Haldia Regional Laboratory :

1. Name of Industry	M/s Orissa Metals Pvt. Ltd.(Unit-II)		
2. Address	NH-6 VIII- Gokulpur Po- Shyamraipur, PS- Kharagpur(Local) Dist-Paschim Medinipur		
3. Category & Type	Red, Pellet Plant		
4. Sampling Date	17/01/2023		
5. Duration of Sampling	25 min		
6. Name of Laboratory	M/s Envirocheck		
7. Height of Stack from ground (m)	50.11		
8. Cross section of Stack at sampling point(m <sup>2</sup> )	7.0714		
9. Stack connected to	Pellet Pre Heater-III		
10. Emission due to (Furnace/Boiler)	Combustion of Coal & Producer Gas		
11. Average operational hours of boiler/ furnace (per month)	720 hrs/month		
12. APC System (if any)	ESP		
13. Working load of source (MT/hr)	1300 TPD		
14. Fuel used	Coal and Producer Gas		
15. Rated Fuel consumption (Kg or l/hr)	-		
16. Working Fuel consumption (Kg or l/hr)	Coal-2.5 MTPH And Producer Gas-3600 m <sup>3</sup> /hr		
17. Nature of Furnace/Boiler	Pellet Pre Heater		
18. Flue gas Temp. (°C)	113.0		
19. Flue gas velocity m/s	25.46	20. Volume of Flue gas drawn in lit (m <sup>3</sup> )	1.0
21. Corrected flue gas volume (Nm <sup>3</sup> )	0.9463	22. Percentage CO <sub>2</sub> & O <sub>2</sub>	CO <sub>2</sub> -8.4% & O <sub>2</sub> -10.6%
23. To be compensated at (% if required)	-		
24. Initial wt of thimble (gm)	1.5602	25. Final wt of thimble (gm)	1.5799
26. Wt. of PM (mg)	19.70	27. Particulate matter (mg/Nm <sup>3</sup> )	20.82
28. Barometric Pressure Head	754 mm of Hg	29. Diameter of the nozzle	6.35 mm
30. Others:-		31. Thimble No.	249
32. Sampled by:	N C Baral, AEE, HRO		

\*Done by M/s Envirocheck

*Sanjay Ghosh*  
08/02/23  
Scientist

*Abhishek*  
08/02/23  
Signature of In-Charge

Copy to:

1. Chief Engineer, O & E, WBPCB.
2. Chief Scientist, WBPCB
3. AEE & VC, H.R.O., WBPCB (two copies)



WEST BENGAL POLLUTION CONTROL BOARD  
HALDIA REGIONAL LABORATORY  
Baghatichuk, PO Durgasagar, PS- Bhabanagar, Haldia  
Purba Medinipur- 721657

**Analysis Report of Gaseous Emission**

Analysis Done at Haldia Regional Laboratory :

1. Name of Industry	M/s Chiral Metals Pvt. Ltd (Unit II)		
2. Address	VIII- Gohapur, PO- Bhabanagar Khargapur Dist- Paschim Medinipur.		
3. Category & Type	Red Pellet Plant		
4. Sampling Date	19/10/2022		
5. Duration of Sampling	30 min		
6. Name of Laboratory	M/s Envirocheck		
7. Height of Stack from ground (m)	50.0		
8. Cross section of Stack at sampling point (m <sup>2</sup> )	7.063		
9. Stack connected to	Pellet Pre Heater No.02		
10. Fuel used in (Furnace/Boiler)	Combustion of coal & producer gas		
11. Average operational hours of boiler/furnace (per month)	720 Hr/month		
12. A/S System (if any)	ESP		
13. Working load of source (MTPH)	2500 TPD		
14. Fuel used	coal & producer gas		
15. Rated Fuel consumption (kg or liter)	-		
16. Working fuel consumption (kg or liter)	coal - 2.0 MTPH & producer gas- 3000 m <sup>3</sup> /hr		
17. Nature of Furnace/Boiler	Pellet Pre Heater		
18. Flue gas Temp. (°C)	102.5		
19. Flue gas velocity (m/s)	15.01	20. Volume of Flue gas drawn in lit (m <sup>3</sup> )	1.014
21. Corrected flue gas volume (Nm <sup>3</sup> )	0.9402	22. Percentage CO <sub>2</sub> & O <sub>2</sub>	CO <sub>2</sub> -9.2%, O <sub>2</sub> -9.8%
23. To be compensated or (% if required)	-		
24. Initial wt of thimble (gm)	1.3174	25. Final wt of thimble (gm)	1.3348
26. Wt. of PM (g)	22.49	27. Particulate matter (mg/m <sup>3</sup> )	27.82
28. Barometric Pressure (read)	756 mm of Hg	29. Diameter of the nozzle	6.35 mm
30. Other - mg/Nm <sup>3</sup>		31. Thimble No.	84
32. Sampled by:	K. Sahoo, AEE, HRO		

\*Done by M/s Envirocheck

*[Signature]*  
Scientist 10/11/22

*[Signature]*  
Signature of In-Chief 10/11/22

Copy to:  
1. Chief Engineer, O & E, WBPCB;  
2. Chief Scientist, WBPCB;  
3. AEE & IC, H.R.O., WBPCB (two copies)



WEST BENGAL POLLUTION CONTROL BOARD  
HALDIA REGIONAL LABORATORY  
Rajbanshetak, PO Bighospur, PS- Bhubaneswar, Haldia  
Purba Medinipur, 721677

**Analysis Report of Gaseous Emission**

Analysis Done at Haldia Regional Laboratory :

1. Name of Industry	M/s Orissa Metals Pvt. Ltd(Um-11)		
2. Address	Vill- Gokulpur, PO- Shyamnagar Kharagpur Dist- Paschim Medinipur		
3. Category & Type	Red Pellet Plant		
4. Sampling Date	16/10/2022		
5. Duration of Sampling	36 min		
6. Name of Laboratory	M/s Envirocheck		
7. Height of Stack (from ground) (m)	30.0		
8. Cross section of Stack at sampling point(m <sup>2</sup> )	7.065		
9. Stack connected to	Pellet Pre-Heater No.03		
10. Immission due to (Furnace/Boiler)	Combustion of coal & producer gas		
11. Average operational hours of boiler/ furnace (per month)	720 Hr/month		
12. APC System (if any)	ESP		
13. Working load of source (MT/hr)	2500 TPD		
14. Fuel used:	coal & producer gas		
15. Retail Fuel consumption (Kg or t/hr)	-		
16. Working Fuel consumption (Kg or t/hr)	coal - 2.0 MTPH & producer gas- 3900 m <sup>3</sup> /hr		
17. Nature of Furnace (Boiler)	Pellet Pre Heaters		
18. Flue gas Temp. (°C)	1080		
19. Flue gas velocity (m/s)	17.10	20. Volume of Flue gas drawn in lit (m <sup>3</sup> )	1.008
21. Corrected flue gas volume (Nm <sup>3</sup> )	0.9377	22. Percentage CO <sub>2</sub> & O <sub>2</sub>	CO <sub>2</sub> -9.0%, O <sub>2</sub> -10.2%
23. To be compensated at (% if required)	-		
24. Initial wt of thimble (gm)	1.4397	25. Final wt of thimble (gm)	1.4619
26. Wt. of PM (g)	22.20	27. Particulate matter (mg/Nm <sup>3</sup> )	23.67
28. Barometric Pressure: Hgmm	756 mm of Hg	29. Diameter of the nozzle	6.35 mm
30. Other: - mg/Nm <sup>3</sup>		31. Thimble No.	85
32. Sampled by:	K. Sahoo, AEE, HRO		

\*Done by M/s Envirocheck

*Santosh*  
Scientist  
10/11/22

*[Signature]*  
Signature of In-Charge  
10/11/22

Copy to:  
1. Chief Engineer, O & E, WBPCB  
2. Chief Scientist, WBPCB  
3. AEE & JC, H.R.O., WBPCB (two copies)

# ANNEXURE-II

## OCEMS



# OCEMS

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 - 2022-10-01

End Date - 2023-03-31

Average - daily

Select All

PM

Time Range

Use Date Range

Data Type

Good Data

START DATE

2022-10-01

END DATE

2023-03-31

Average Duration

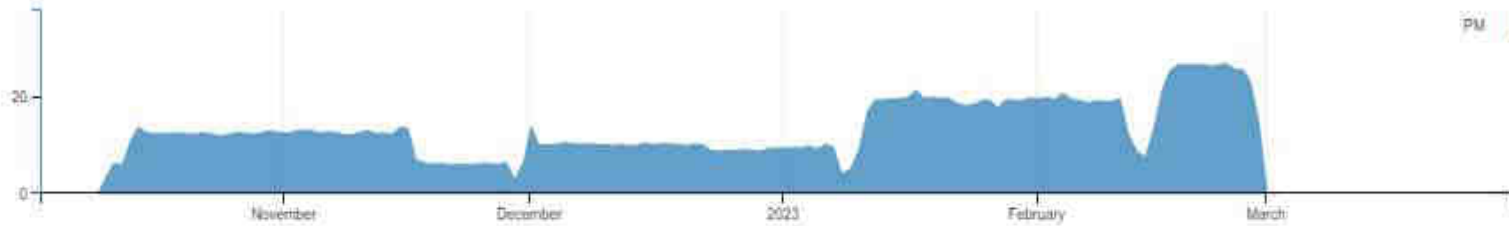
daily

Submit

PRINT



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



# ANNEXURE-III

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

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





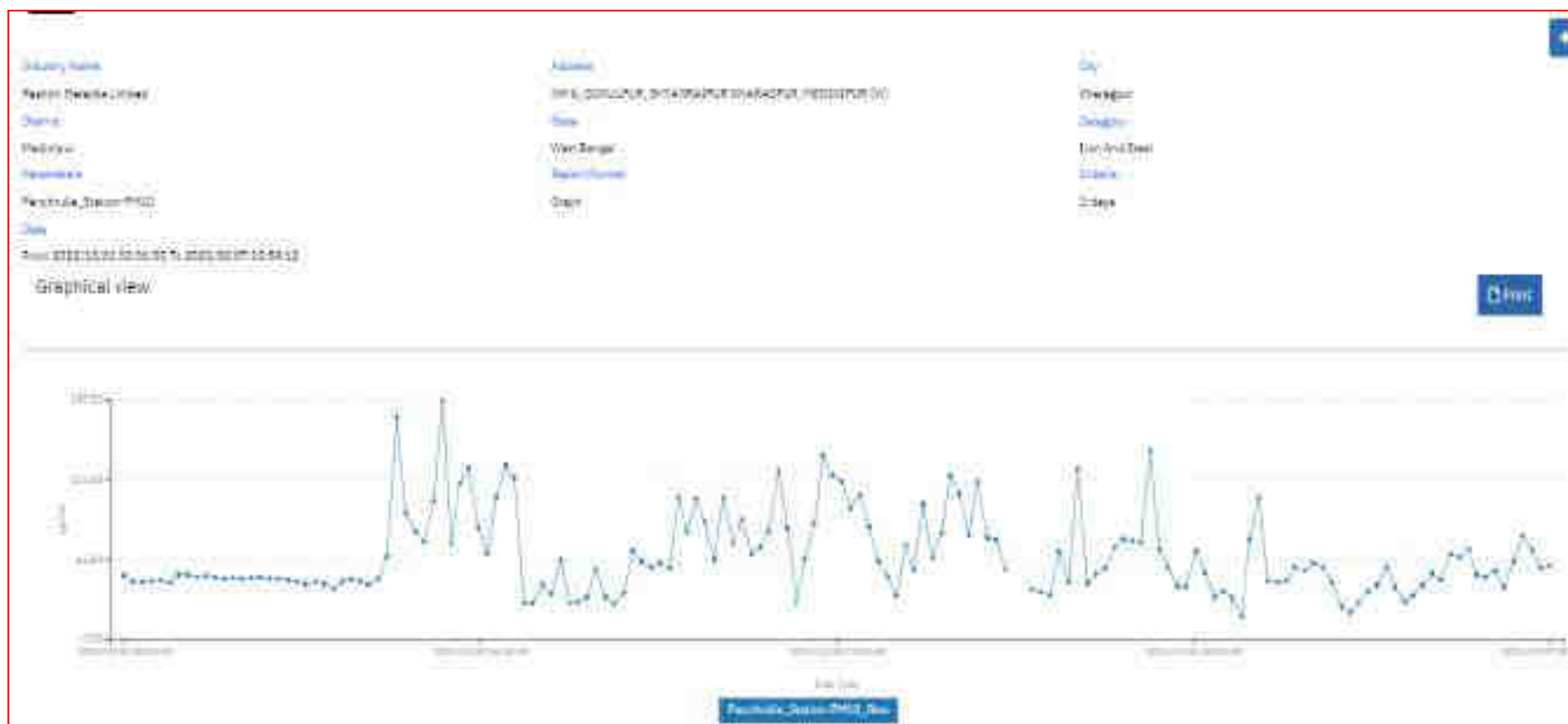
	c	Voluntarily in no. for green belt development in nearby area (Oct. 2022-March 2023)		Nil														
8	a	<b>Details of plantations</b>																
		Plantation details (category wise & methodology used)	Year of plantation  2022-2023(October-March)	Species Planted		Quantity												
				MALAYASIAN SAL		315												
				KRISHNACHURA		1584												
				NEEM		180												
				MEHAGUNI		200												
				AKASMONI		300												
				SONAJHURI		150												
				PUTRANJIBA		300												
				KELENDRA		245												
GULMOHOR				380														
CHHATIM		300																
RADHACHURA		950																
Survival of plantation		Before 2018	2018-2019	2019-2021	2021-2022	2022-2023												
- Total Seedling/ Plantation (No.)		7650	6600	20,000	3,000	8558												
- Survival Trees (No ) as on date from date of EC		3825	4000	17,400	2,640	7,581												
- Survival		50%	60.6%	87%	88%	88.5%												
9	<b>Agency carrying out plantation and maintenance</b>		Our own horticulture department & third party															
10	<b>Financial details (year wise) plantation wise and item wise</b>		<table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Year</th> <th>Funds allocated (Rupees)</th> <th colspan="3">Expenditure made including voluntarily tree plantation cost (Rupees)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2022 - 23</td> <td>25,00,000</td> <td colspan="3">29,95,300</td> </tr> </tbody> </table>				Sl. No.	Year	Funds allocated (Rupees)	Expenditure made including voluntarily tree plantation cost (Rupees)			1	2022 - 23	25,00,000	29,95,300		
Sl. No.	Year	Funds allocated (Rupees)	Expenditure made including voluntarily tree plantation cost (Rupees)															
1	2022 - 23	25,00,000	29,95,300															



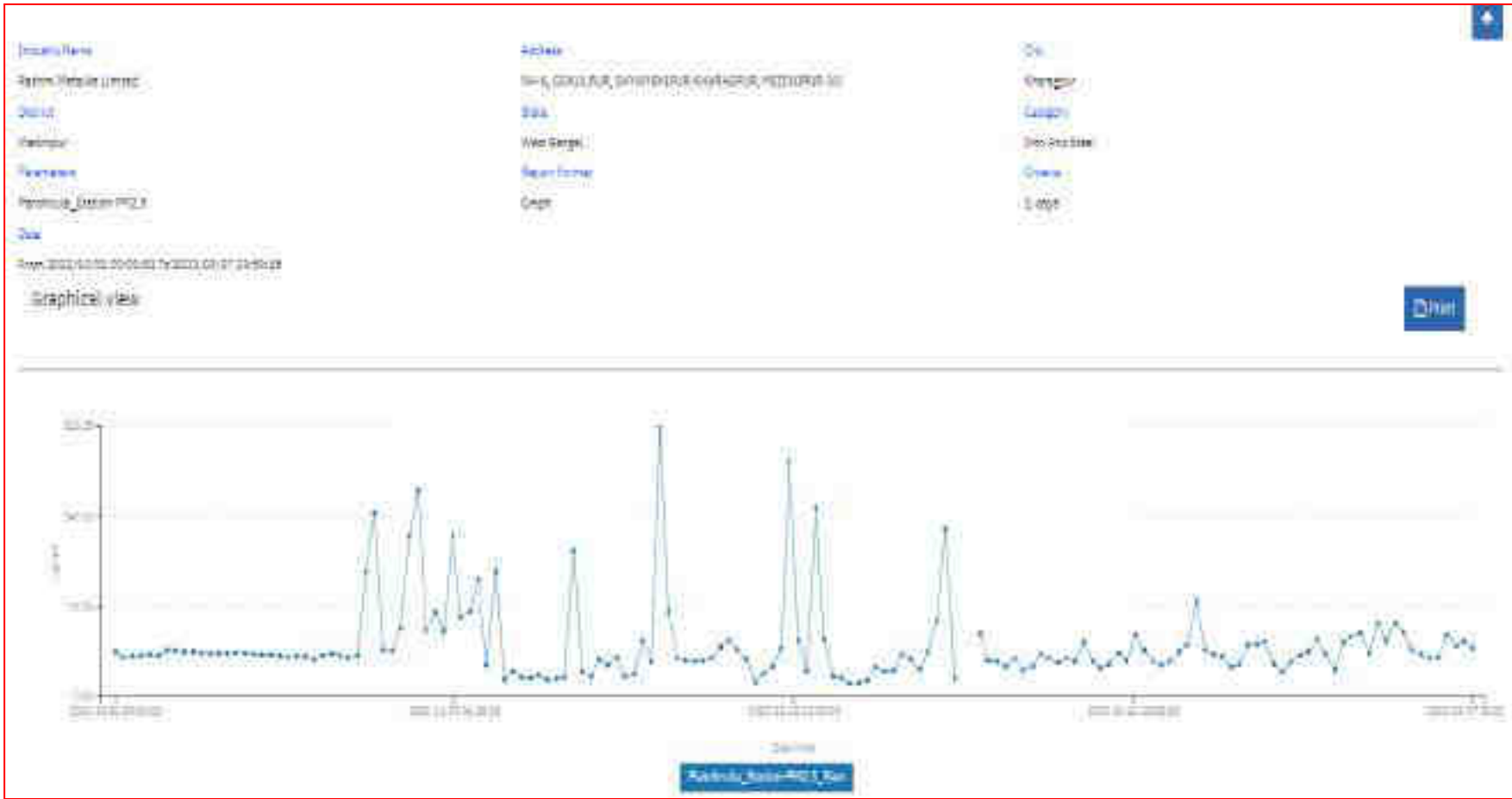
# CONTINUOUS AMBIENT AIR QUALITY STATION DATA (OCTOBER 2022 TO MARCH 2023)

## STATION : PANCHRULIA

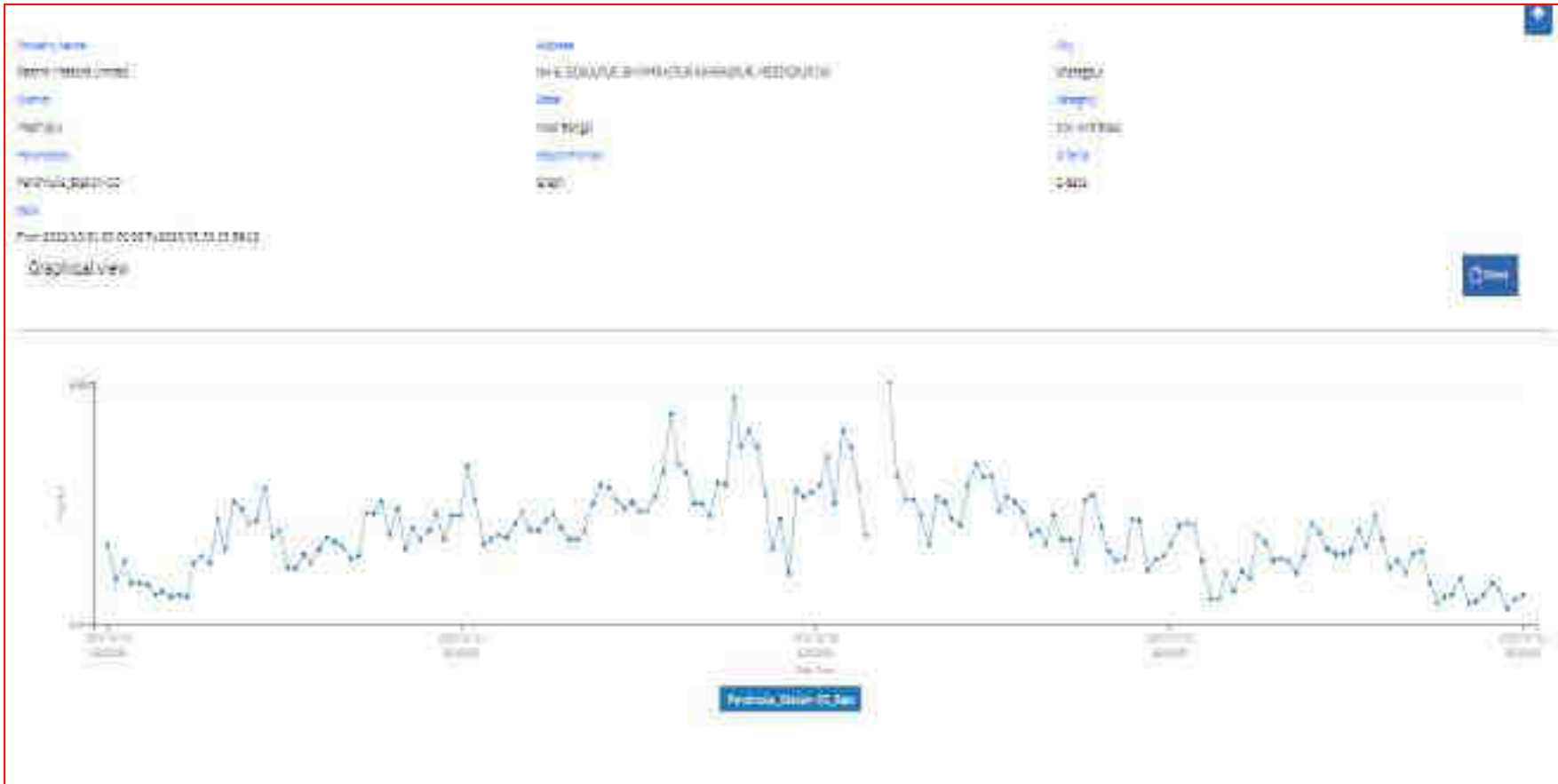
### ANNEXURE-IV



PARAMETER-PM<sub>10</sub>



PARAMETER-PM<sub>2.5</sub>



PARAMETER-CO

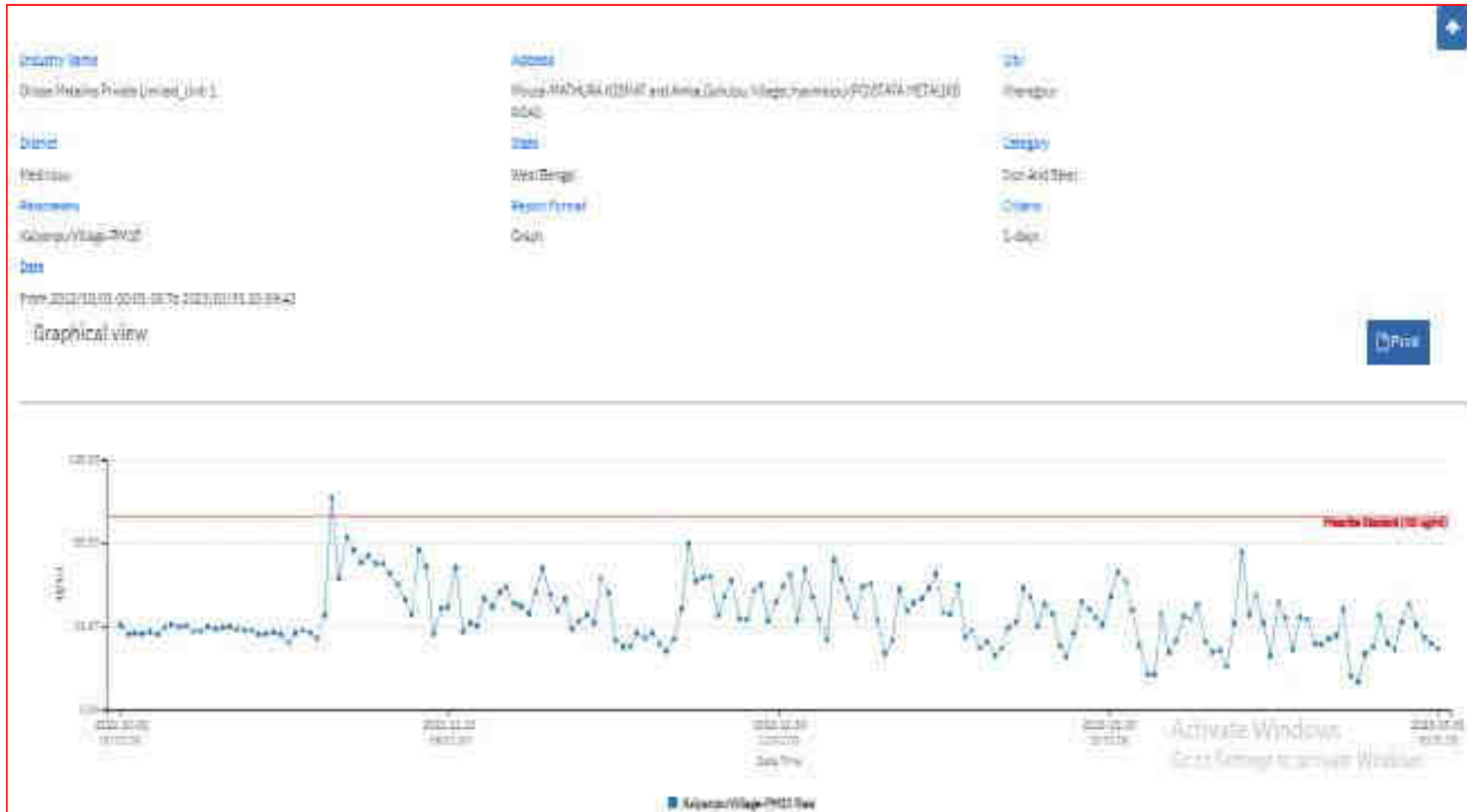


**PARAMETER-NOx**

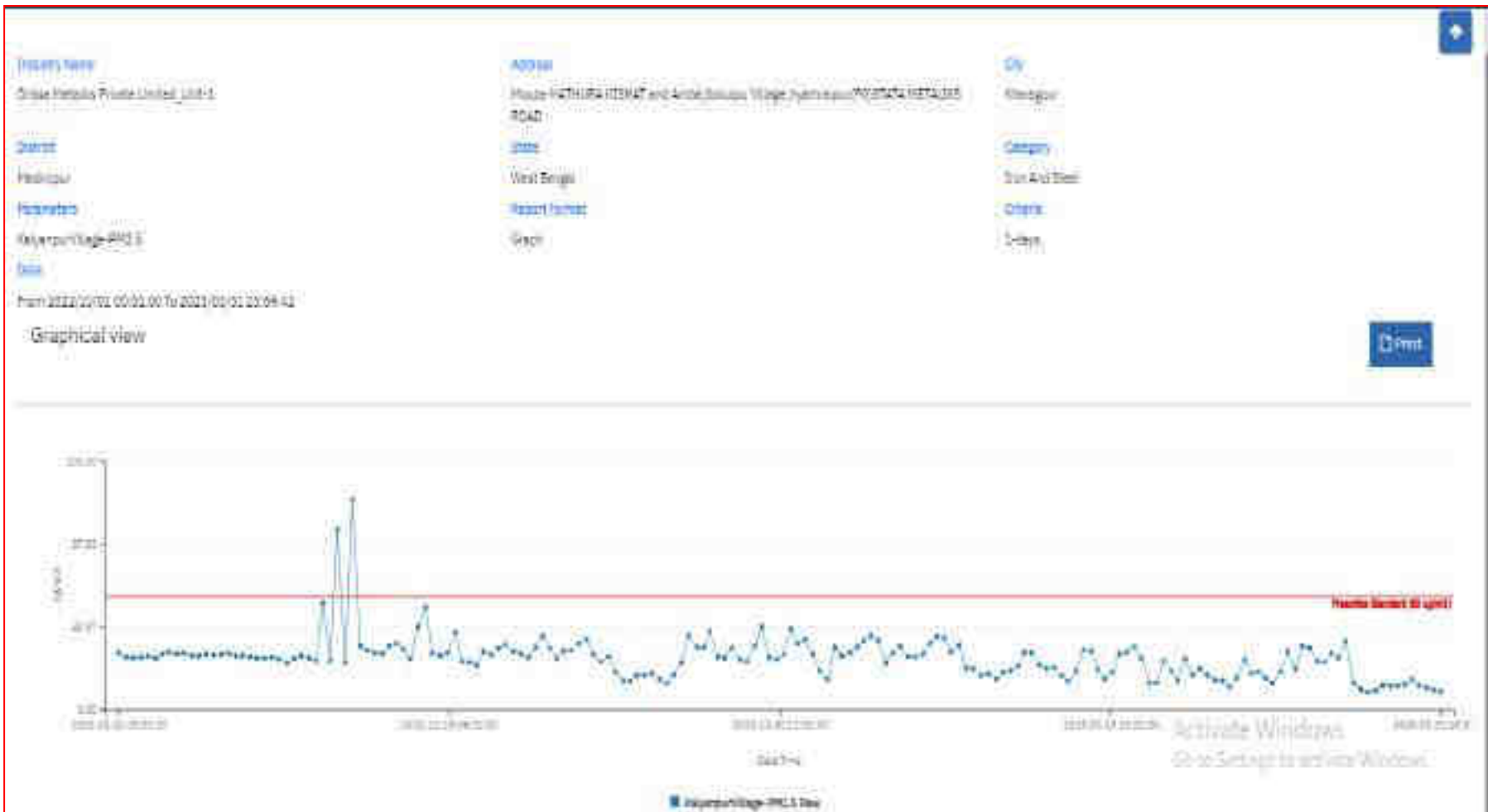


PARAMETER-SO<sub>2</sub>

## STATION:-KALYANPUR



PARAMETER-PM<sub>10</sub>



PARAMETER-PM<sub>2.5</sub>





PARAMETER-CO

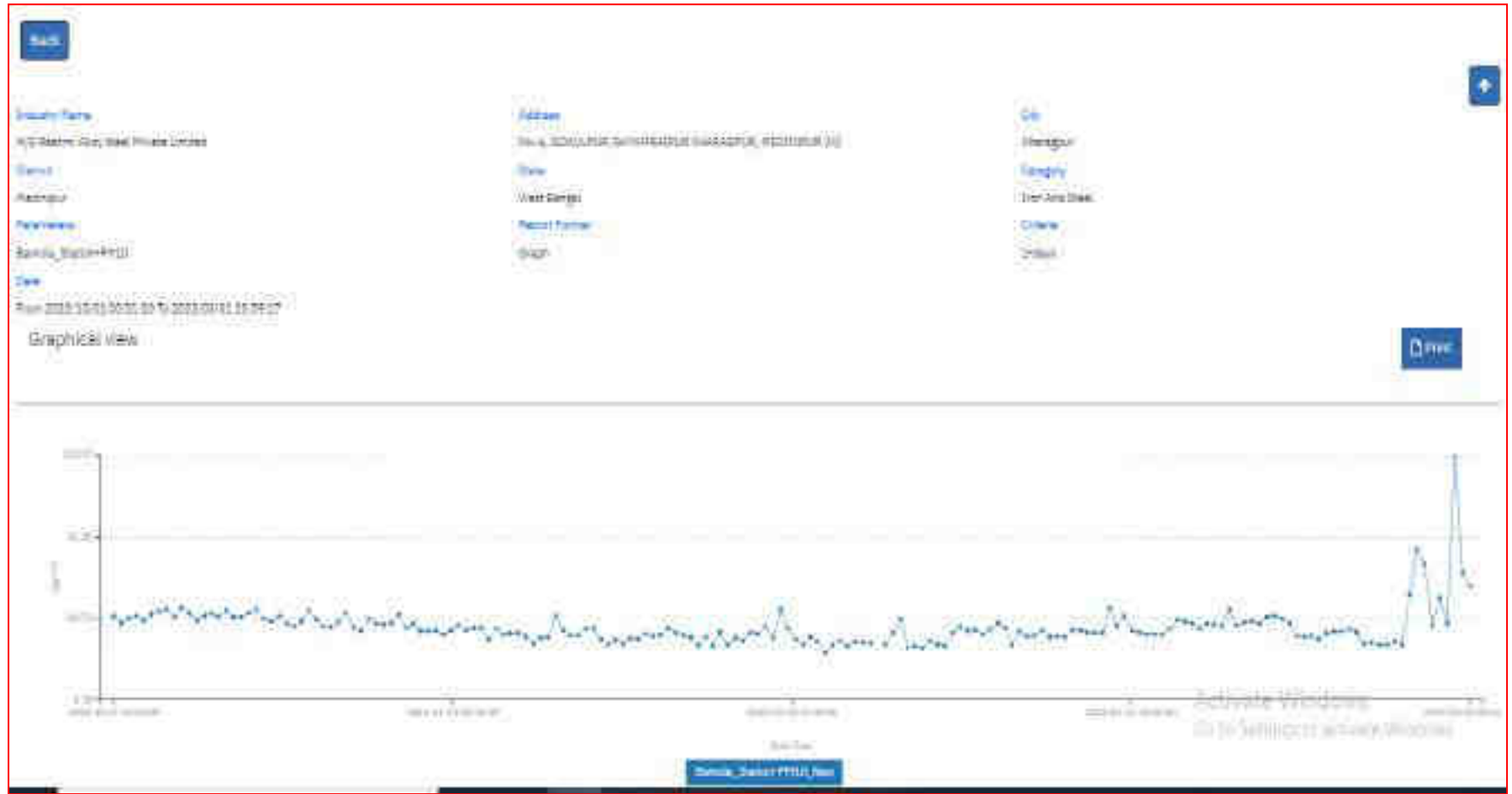


**PARAMETER-NOx**

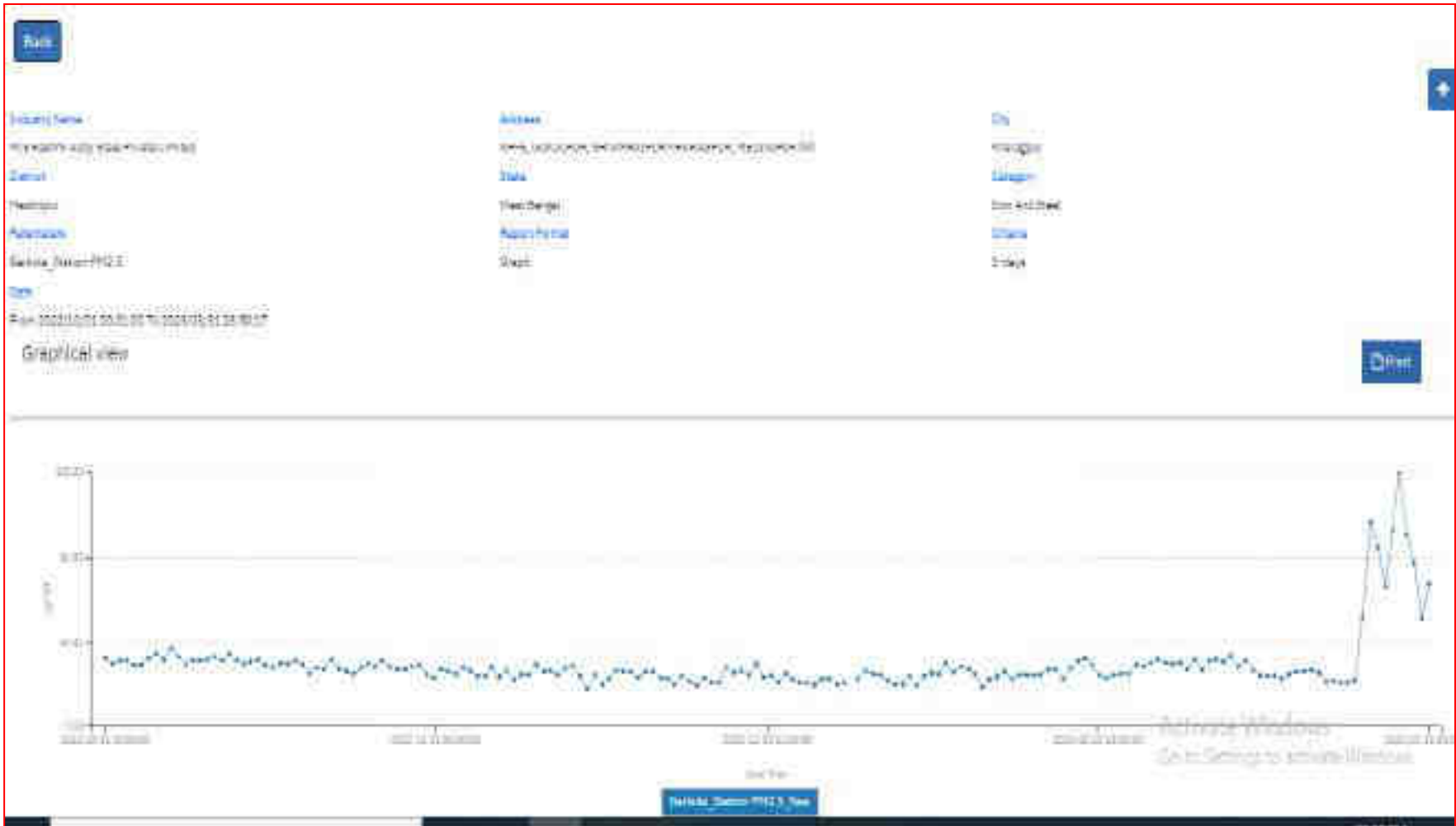


**PARAMETER-SO2**

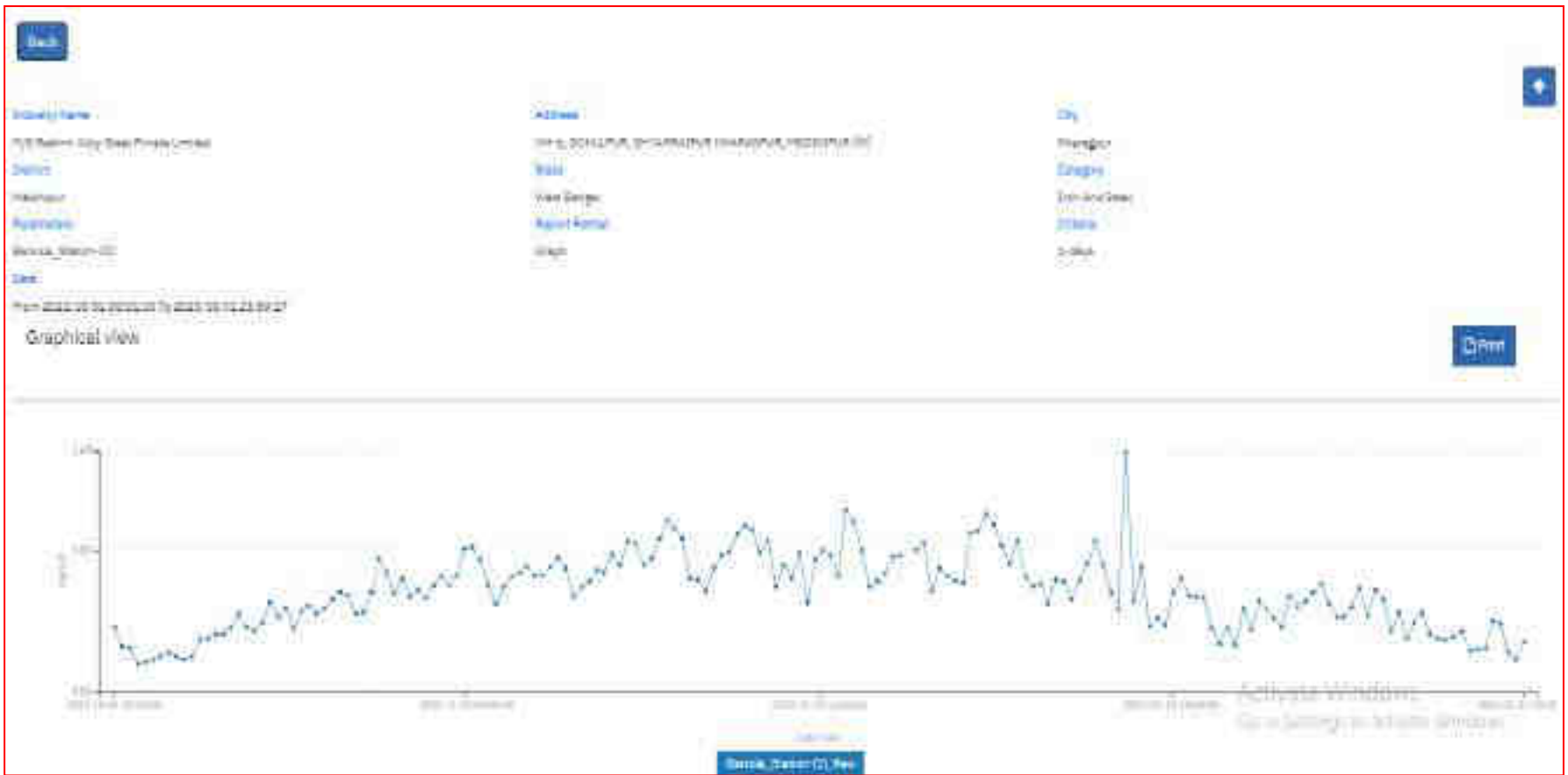
## STATION : BARKOLA



PARAMETER-PM<sub>10</sub>



PARAMETER-PM<sub>2.5</sub>



PARAMETER-CO



**PARAMETER-NOx**

Back



Station Name

18 Road, A Jay Road, Prudh Limited

Address

18th, SINGAPUR, SINGAPORE, REPUBLIC OF SINGAPORE

City

Singapore

Lat/Lon

129.04000

Date

1 Jan 2024

Category

Time and Date

Parameter

SO2, Station SO2

Report Format

Graph

Units

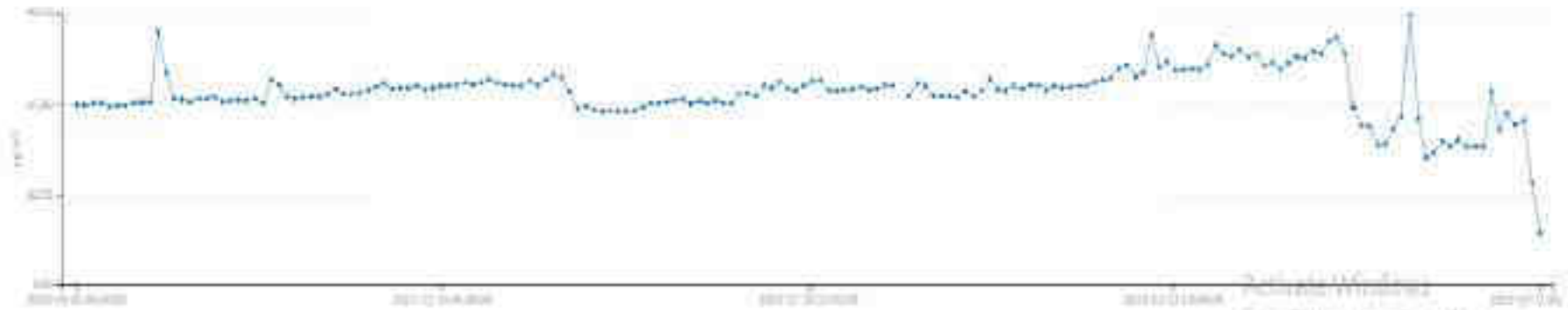
ppm

Time

from 2023/10/01 00:00:00 to 2023/10/31 23:59:57

Graphical view

Done



SO2, Station SO2, ppm

PARAMETER-SO2



## Station: Rajogram

### Industry Name

Orissa Alloy Steel Pvt Ltd

### District

Nandigarh

### Parameter

Rajogram-PM10

### Date

From 2020/12/15 00:00:00 To 2020/12/25 00:00:00

### Address

W- Golapgaon,PG-Dharmapada,PO Khargpur (U) Dist Paschim Medinipur Dist  
751105

### State

West Bengal

### Region Name

Orissa

### City

Khargpur

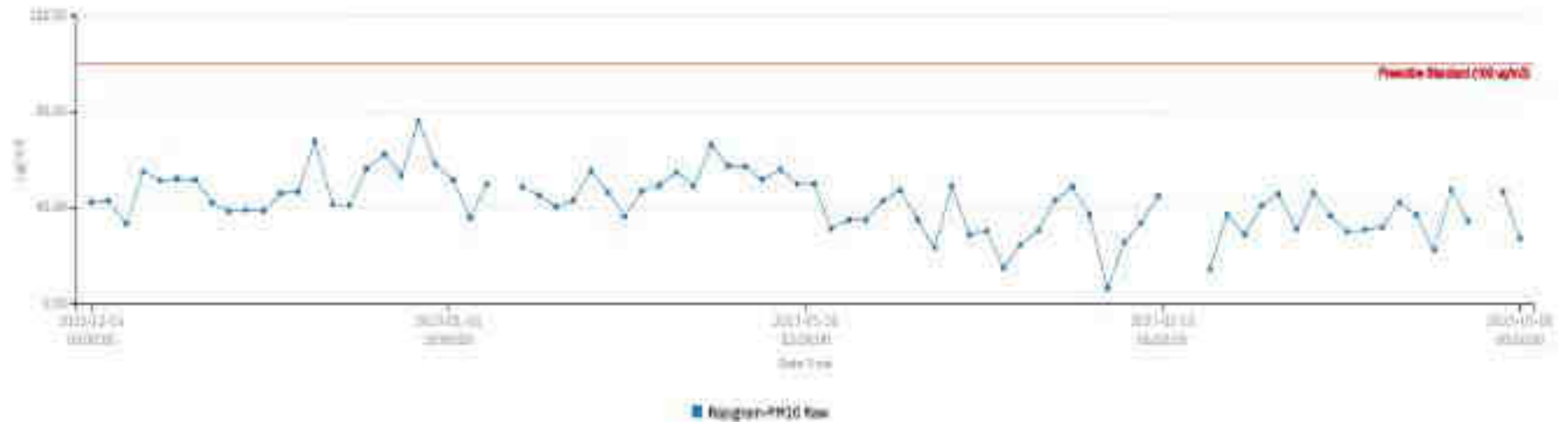
### Category

Iron And Steel

### Criteria

24 Hour

Graphical view



Parameter: PM10

Industry Name

Crissa Alloy Steel Pvt Ltd

Address

VI- Gokulpur, PO Bharamrapur, PS-Kharagpur, JJ Dist-Paschim Medinipur Pin-721301

City

Kharagpur

District

Medinipur

State

West Bengal

Category

Iron And Steel

Parameter

Rajgram-PM2.5

Report Format

Graph

Criteria

1-day

Date

From 2022/12/15 00:00:00 To 2023/01/08 23:59:58

Graphical view



Parameter- PM2.5

**Industry Name**

Orissa Alloy Steel Pvt Ltd

**Address**

VII- Sekulac PO, Dhenwadipur PS- Khairagarh (J) Dist- Boudh, Odisha Pin- 752311.

**City**

Khairagarh

**District**

Khairagarh

**State**

West Bengal

**Category**

Iron And Steel

**Parameter**

Reagan-SO2

**Report Format**

Graph

**Circle**

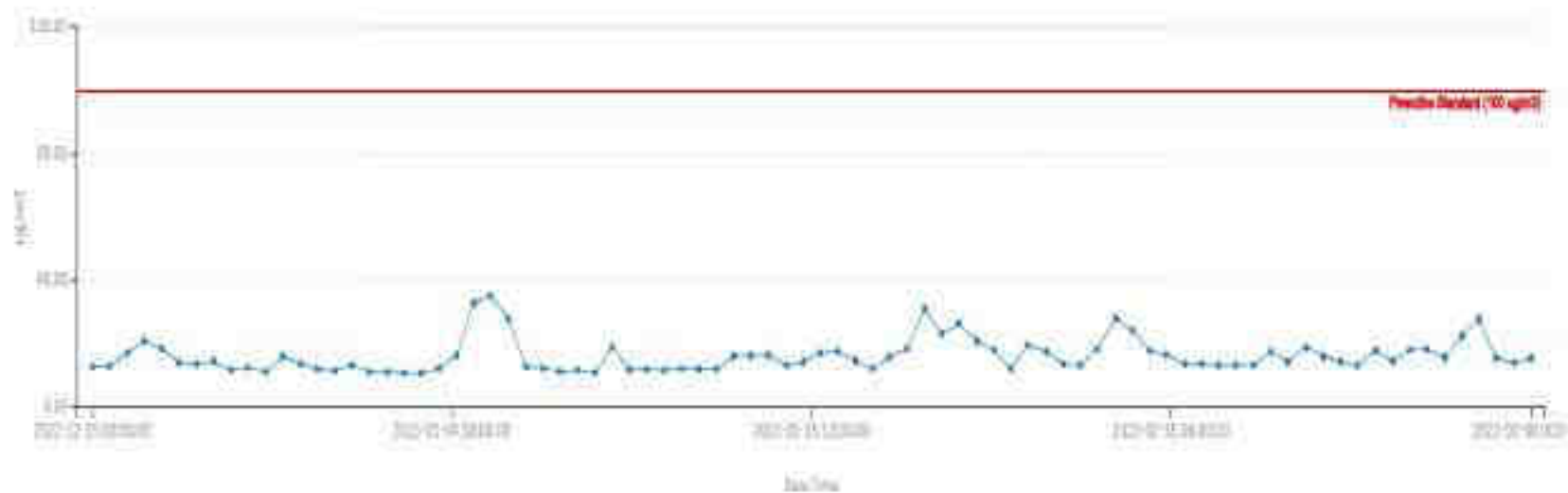
1-day

**Date**

From 2022/12/14 00:00:00 To 2023/03/08 23:59:59

Graphical view

Print



Reagan-SO2 Row

Parameter- SO2

Industry Name

Grupa Alcoa Steel Pvt Ltd

Address

W1-Delkrapu-PO-Srangipura-PO-Klangpur-DI-Diri-Paschim Medani Po-12210T

City

Klangpur

District

Pasiripura

State

West Bengal

Category

Iron And Steel

Parameter

Range-NOx

Report Format

Graph

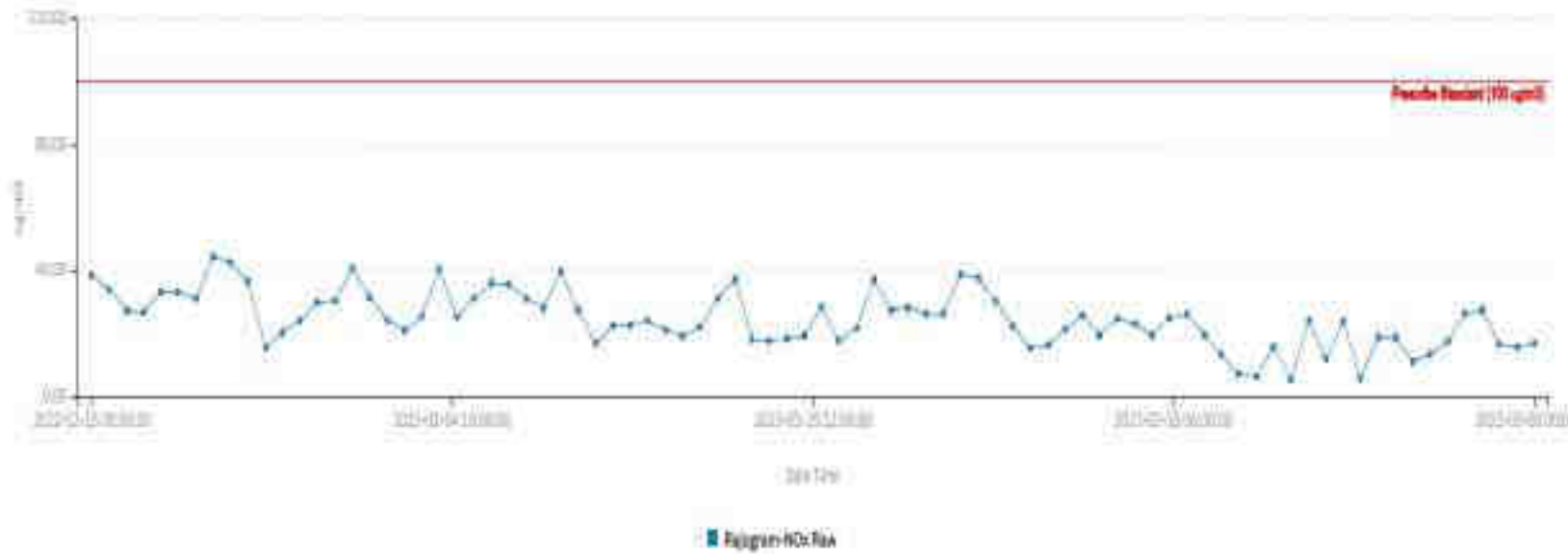
Unit

1-um

Unit

From: 2022-12-15 00:00:00 To: 2023-03-08 23:59:59

Graphical view



Parameter- NOx

Industry Name

Omni Alloy Steel Pvt Ltd

Address

W: Sakolpur/75 Shivamipur/75 Kharsara & D/o Padim Madhau Fir...  
731303

City

Wardha

District

Medhapur

Date

Wed 8/2/2023

Category

Iron And Steel

Parameters

Naiparam CO

Input Format

Graph

View

3-day

Date

From 2022-12-15 00:00:00 To 2023-09-08 23:59:59

Graphical view



Parameter- CO



DOC NO : QLS/SAMP/09-A/00

## 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 (I), Paschim Medinipur- 721301, West Bengal.	Report No.	: QLS/P-31/23-24/C/01
	Date	: 05.05.2023
	Sample No.	: QLS/P-31/23-24/01
	Sample Description	: Ambient Air
	Date of performance	: 19.03.2023-25.03.2023
	Ref No. Date	: 0222368533 Dated. 27.09.2022

## Analysis Result

Location : Near Plant Main Gate		Date of sampling : 17.03.2023-18.03.2023		
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>	79	100	IS: 5182 (Part-23)-(RA-2017)
2	Particulate matter (<2.5µm) in µg/m <sup>3</sup>	47	60	USEPA CFR-40,Part-50, Appendix-L
3	Sulphur dioxide (SO <sub>2</sub> ) in µg/m <sup>3</sup>	7.2	80	IS: 5182 (Part-2)-2001; (RA-2017)
4	Nitrogen dioxide (NO <sub>2</sub> ) in µg/m <sup>3</sup>	28.2	80	IS: 5182 (Part- 6)- (RA-2017)
5	Carbon Monoxide (CO) in µg/m <sup>3</sup>	755	2000	IS: 5182 (Part- 10)- (RA-2017)
NOTE: Limit as per CPCB notification, New Delhi, 18th November 2009, for Ambient air quality.				

Report Prepared By:

R. Sahoo

for Qualissure Laboratory Services

Reviewed &amp; Authorized By

Benimadhab Gorai, Chemist  
(Authorized Signatory)



—End of the Report—

- The results relate only to the items tested.
- This Test Report shall not be reproduced without the permission of Qualissure Laboratory Services.
- The reserved part of sample(s), except perishable sample(s), shall be retained for 30 days from the date of issue of the Test Report.



# Qualissure Laboratory Services

361, Prantik Pally, 45/361, Bose Pakur Road, Kolkata -700107  
Email : qualissure@gmail.com; info@qualissure.com ; Mob.No. 98312 87086 ; 9830093976



TC-6271

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

## TEST REPORT

<b>Name &amp; Address Of the Customer :</b>	Report No. : QLS/P-31/23-24/C/02
	Date : 05.05.2023
<b>M/s. Orissa Metaliks Pvt. Ltd.(Unit-II)</b>	Sample No. : QLS/P-31/23-24/02
Address: Vill- Gokulpur, P.O- Shyamraipur,	Sample Description : Ambient Air
P.S- Kharagpur (I), Paschim Medinipur-	Date of performance : 19.03.2023-25.03.2023
721301, West Bengal.	Ref No. Date : 0222368533 Dated. 27.09.2022

## Analysis Result

Location : Dhekia Village		Date of sampling : 17-18.03.2023		
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>	73	100	IS: 5182 (Part-23)-(RA-2017)
2	Particulate matter (<2.5µm) in µg/m <sup>3</sup>	34	60	USEPA CFR-40,Part-50, Appendix-L
3	Sulphur dioxide (SO <sub>2</sub> ) in µg/m <sup>3</sup>	7.8	80	IS: 5182 (Part-2)-2001, (RA-2017)
4	Nitrogen dioxide (NO <sub>2</sub> ) in µg/m <sup>3</sup>	25.6	80	IS: 5182 (Part- 6)-(RA-2017)
5	Carbon Monoxide (CO) in µg/m <sup>3</sup>	675	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:

*Baker*

for Qualissure Laboratory Services  
Reviewed & Authorized By

*Baker*

Benimadhab Goral, Chemist  
(Authorized Signatory)

—End of the Report—



## TEST REPORT

<b>Nama &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/03
	Date	: 05.05.2023
	Sample No.	: QLS/P-31/23-24/03-08
	Date of Performance	: 19.03.2023-25.03.2023
	Sample Description	: Fugitive Air
	Ref No. Date	: 0222368533 Dated. 27.09.2022

### 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 $\mu\text{g}/\text{m}^3$
03	Pellet Plant Area I & II	17.03.2023	282
04	MBF & Oxygen Plant area	17.03.2023	464
05	Railway Siding	17.03.2023	222
06	Iron or Beneficiation Area	18.03.2022	368
07	Product House	18.10.2022	246
08	Pellet Plant Area III & V	18.10.2022	237
NOTE: Fugitive emission Standard - 4000 $\mu\text{g}/\text{m}^3$ as per Environment (Protection) rules, 1986			

Report Prepared By:

*[Signature]*

for Qualissure Laboratory Services  
 Reviewed & Authorized By



*[Signature]*

Benimadhab Goral, Chemist  
 (Authorized Signatory)

—End of the Report—

- The results relate only to the item(s) tested.
- This Text Report shall not be reproduced without the permission of Qualissure Laboratory Services.
- The reserved part of sample(s), except perishable sample(s), shall be retained for 30 days from the date of issue of the Test Report.





## TEST REPORT

<b>Name &amp; Address Of the Customer :</b>  <b>M/s. Orissa Metaliks Pvt. Ltd.(Unit-II)</b>  Mouza-Dekla&Chaksonadhar,  Kharagpur, Paschim Midnapur-721301.  West Bengal.	ULR No.	: TC627123000000580F
	Report No.	: QLS/P-31/22-23/C/11
	Date	: 06.05.2023
	Sample No.	: QLS/P-31/22-23/11
	Sample Description	: Ground Water
	Sample Mark	: Tap of Iron Ore Beneficiation Area
	Sample Drawn On	: 21.03.2023
	Date of performance	: 22.03.2023-27.03.2023
	Ref No. Date	: 0222368533 Dated. 27.09.2022

## 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	Not Detected
2.	E Coli/100ml	Not Detectable	IS 15185 - 2016	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): 1983 (RA 2012)	5	15	<5
2.	Odour	IS 3025 (Part 5): 1983 (RA 2012)	Agreeable	Agreeable	Agreeable
3.	pH Value at 25°C	IS 3025 (Part 11): 1984 (RA 2012)	6.5-8.5	No Relaxation	7.46
4.	Turbidity in NTU	IS 3025 (Part 10): 1984 (RA 2012)	1	5	<1.0
5.	Total Dissolved Solids (as TDS) in mg/l	IS 3025 (Part 16): 1984 (RA 2012)	500	2000	362
6.	Aluminium (as Al) in mg/l	IS 3025 (Part 55): 2003 (RA 2014)	0.03	0.2	<0.01
7.	Ammonia as NH <sub>3</sub> in mg/l	IS 3025 (Part 34): 1988 (RA 2014)	0.5	No Relaxation	<0.5
8.	Calcium (as Ca) in mg/l	IS 3025 (Part 40): 1991 (RA 2014)	75	200	69.2
9.	Chloride (as Cl) in mg/l	IS 3025 (Part 32): 1988 (RA 2014)	250	1000	81.1
10.	Copper (as Cu) in mg/l	IS 3025 (Part 42): 1992 (RA 2014)	0.05	1.5	<0.02
11.	Fluoride (as F) in mg/l	APHA 23rd Edition 2017, 4500 F D	1.0	1.5	<0.1
12.	Free Residual Chlorine in mg/l	IS 3025 (Part 26): 1986 (RA 2014)	0.2	1.0	<0.1
13.	Iron (as Fe) in mg/l	IS 3025 (Part 53): 1988 (RA 2014)	0.3	No Relaxation	0.35
14.	Magnesium (as Mg) in mg/l	IS 3025 (Part 46): 1994 (RA 2014)	30	100	29.1
15.	Manganese (as Mn) in mg/l	IS 3025 (Part 59): 2008 (RA 2014)	0.1	0.3	<0.05
16.	Nitrate (as NO <sub>3</sub> ) in mg/l	IS 3025 (Part 34): 1988 (RA 2014)	45	No Relaxation	1.21
17.	Sulphate (as SO <sub>4</sub> ) in mg/l	IS 3025 (Part 24): 1986 (RA 2014)	200	400	32.4
18.	Alkalinity (as CaCO <sub>3</sub> ) in mg/l	IS 3025 (Part 23): 1986 (RA 2014)	200	500	242.0
19.	Total Hardness (as CaCO <sub>3</sub> ) in mg/l	IS 3025 (Part 21): 2013	200	500	312.1
20.	Cadmium (as Cd) in mg/l	IS 3025 (Part 41): 1992 (RA 2014)	0.003	No Relaxation	<0.002
21.	Cyanide (as CN) in mg/l	IS 3025 (Part 27): 1986 (RA 2014)	0.05	No Relaxation	<0.02
22.	Lead (as Pb) in mg/l	IS 3025 (Part 47): 1994 (RA 2014)	0.01	No Relaxation	<0.01
23.	Mercury (as Hg) in mg/l	IS 3025 (Part 48): 1994 (RA 2014)	0.001	No Relaxation	<0.001
24.	Arsenic (as As) in mg/l	IS 3025 (Part 37): 1988 (RA 2014)	0.01	0.05	<0.01
25.	Zinc (as Zn) in mg/l	IS 3025 (Part 49): 1994 (RA 2014)	5	15	<0.02
26.	Total Chromium (as Cr) in mg/l	IS 3025 (Part 52): 2014 (RA 2014)	0.05	No Relaxation	<0.05

Report Prepared By:

for Qualissure Laboratory Services

Reviewed & Authorized By



Soumya Chakraborty, Microbiologist  
(Authorized Signatory)

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.
- This Test Report shall not be reproduced without the permission of Qualissure Laboratory Services.



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

## TEST REPORT

<b>Name &amp; Address Of the Customer :</b>  M/s. Orissa Metallks Pvt. Ltd.(Unit-II) Address: Vill- Gokulpur, P.O- Shyamralpur, P.S- Kharagpur (L), Paschim Medinipur- 721301, West Bengal.	Report No.	: QLS/P-31/22-23/C/13
	Date	: 28.04.2023
	Sample No.	: QLS/P-31/22-23/13
	Sample Description	: Effluent Water
	Sample Mark	: ETP Outlet
	Sample Drawn On	: 21.03.2023
	Date of Performance	: 22.03.2023-27.03.2023
Ref No. Date	: 0222368533 Dated. 27.09.2022	

## 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 23 <sup>rd</sup> Edition-2017, 4500 H+	7.51	5.5 to 9.0	5.5 to 9.0
2.	Total Suspended Solid(as TSS) in mg/l	APHA 23 <sup>rd</sup> Edition-2017, 2540 D	24	100	600
3.	Chemical Oxygen Demand (as COD) mg/l	APHA 23 <sup>rd</sup> Edition-2017, 5220B	59	250	—
4.	Biochemical Oxygen Demand (as BOD) mg/l	IS 3025 (Part 44)-1993, RA-2014	15	30	350
5.	Oil & Grease in mg/l	APHA 23 <sup>rd</sup> Edition-2017, 5520A	<1.4	10	20

Report Prepared By:

for Qualissure Laboratory Services  
Reviewed & Authorized By



Bishnu Priya Banerjee, Chemist  
(Authorized Signatory)

—End of the Report—

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- This Test Report shall not be reproduced without the permission of Qualissure Laboratory Services.
- The reserved part of sample(s), except perishable sample(s), shall be retained for 30 days from the date of issue of the Test Report.



# Qualissure Laboratory Services

361, Prantik Pathy, 45/361, Bose-Pokur Road, Kalliat - 700107  
Email : qualissure@gmail.com; info@qualissure.com ; Mob.No. 98312 87086 ; 9830093978



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: Vill- Gokulpur, P.O- Shyamraipur, P.S- Kharagpur (L), Paschim Medinipur- 721301, West Bengal.	Report No.	: QLS/P-31/22-23/C/12
	Date	: 28.04.2023
	Sample No.	: QLS/P-31/22-23/12
	Sample Description	: Effluent Water
	Sample Mark	: ETP Inlet
	Sample Drawn On	: 21.03.2023
	Date of Performance	: 22.03.2023-27.03.2023
Ref No. Date	: 0222368533 Dated. 27.09.2022	

## 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° C	APHA 23 <sup>rd</sup> Edition-2017, 4500 H+	7.11	5.5 to 9.0	5.5 to 9.0
2.	Total Suspended Solid(as TSS) in mg/l	APHA 23 <sup>rd</sup> Edition-2017, 2540 D	62	100	600
3.	Chemical Oxygen Demand (as COD) mg/l	APHA 23 <sup>rd</sup> Edition-2017, 5220B	157	250	---
4.	Biochemical Oxygen Demand (as BOD) mg/l	IS 3025 (Part 44)-1993, RA-2014	41	30	350
5.	Oil & Grease in mg/l	APHA 23 <sup>rd</sup> Edition-2017, 5520A	5.8	10	20

Report Prepared By:

for Qualissure Laboratory Services

Reviewed & Authorized By



Bishupriya Banerjee, 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: VIII- Gokulpur, P.O- Shyamraipur, P.S- Kharagpur (L), Paschim Medinipur- 721301, West Bengal.	Report No.	: QLS/P-31/23-24/C/09A
	Date	: 05.05.2023
	Sample No.	: QLS/P-31/23-24/09A
	Date Of Performance	: 19-25.03.2022
	Sample Description	: Noise Monitoring
	Ref No. Date	: 0222368533 Dated. 27.09.2022

## Monitoring Result of Noise

Sampling Done By: P.Mahata			
Sampling Guideline : As per IS- 9876: 1981 (RA-2001)			
Location : Near Pellet Plant Area			
Date of Monitoring : 17-18.03.2023			
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	50.6
10.00-11.00	68.1	66.5	67.3
11.00-12.00	68.7	66.9	67.9
12.00-13.00	69.9	67.9	69.2
13.00-14.00	71.2	68.7	69.9
14.00-15.00	71.5	69.8	70.6
15.00-16.00	74.2	71.3	73.4
16.00-17.00	74.8	71.9	73.7
17.00-18.00	65.8	64.5	65.3
18.00-19.00	68.9	67.5	68.2
19.00-20.00	65.9	64.5	65.3
20.00-21.00	62.1	60.1	61.2
21.00-22.00	59.4	57.5	58.7
22.00-23.00	57.1	55.0	56.3
23.00-00.00	55.4	54.1	55.1
00.00-01.00	52.4	51.4	51.9
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

Report Prepared By:

*[Signature]*

for Qualissure Laboratory Services

Reviewed & Authorized By

*[Signature]*  
 Benimadhab Goral, Chemist  
 (Authorized Signatory)

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## TEST REPORT

<b>Name &amp; Address Of the Customer :</b>  M/s. Grissa Metaliks Pvt. Ltd.(Unit-II) Address: Vill- Gokulpur, P.O- Shyamraipur, P.S- Kharagpur (L), Paschim Medinipur- 721301, West Bengal.	<b>Report No. :</b> QLS/P-31/23-24/C/09C <b>Date :</b> 05.05.2023 <b>Sample No. :</b> QLS/P-31/23-24/09C <b>Date Of Performance :</b> 19.03.2023-25.03.2023 <b>Sample Description :</b> Noise Monitoring <b>Ref No. Date :</b> 0222368533 Dated. 27.09.2022
--	--

## Monitoring Result of Noise

Sampling Done By: P.Mahato			
Sampling Guideline : As per IS: 9875: 1981 (RA-2001)			
Location : Near Railway Siding			
Date of Monitoring : 17.03.2023-18.03.2023			
Time	Lmax dB (A)	Lmin dB (A)	Avg. dB (A)
06.00-07.00	61.2	56.9	59.8
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	67.2	62.3	65.6
11.00-12.00	68.4	61.3	66.2
12.00-13.00	68.0	61.9	65.5
13.00-14.00	67.7	60.5	64.9
14.00-15.00	70.7	61.3	67.2
15.00-16.00	71.5	62.5	68.6
16.00-17.00	72.3	61.5	68.6
17.00-18.00	73.3	62.3	69.4
18.00-19.00	74.5	62.3	69.9
19.00-20.00	74.1	66.5	71.2
20.00-21.00	73.5	64.5	70.0
21.00-22.00	74.0	62.3	70.3
22.00-23.00	73.0	63.5	70.3
23.00-00.00	74.4	62.3	68.8
00.00-01.00	71.4	60.3	66.5
01.00-02.00	67.6	59.8	64.2
02.00-03.00	67.4	58.9	64.9
03.00-04.00	66.0	59.8	63.9
04.00-05.00	62.5	58.2	60.6
05.00-06.00	60.0	55.7	58.4

Report Prepared By:

R. Sengupta

for Qualissure Laboratory Services

Reviewed & Authorized By:

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 (I), Paschim Medinipur- 721301, West Bengal.	Report No.	: QLS/P-31/23-24/C/10
	Date	: 05.05.2023
	Sample No.	: QLS/P-31/23-24/10(A-B)
	Sample Description	: Noise
	Date of performance	: 19.03.2023-25.03.2023
	Ref No. Date	: 0222368533 Dated. 27.09.2022

## Monitoring Result of Noise

Sampling Done By: P.Mahato					
Sampling Guideline : As per IS: 9876; 1981 (RA-2001)					
Sample No.	Date of Monitoring	Location	Lmax dB (A)	Lmin dB (A)	Avg. dB (A)
10A	17.03.2023	Near Plant Main Gate	64.1	44.0	57.5
10B	18.03.2023	Dhekia Village	61.0	43.0	53.1

Report Prepared By:

for Qualissure Laboratory Services  
Reviewed & Authorized By



Benimadhab Goral, Chemist  
(Authorized Signatory)

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# ANNEXURE-X

## The OHS record

HEALTH								REGISTER						
Sl. No.	Name	Age	Sex	Religion	Marital Status	Occupation	Present Address	Sl. No.	Date	Particulars	Remarks	Signature	Designation	
1								1						
2								2						
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Form No. 10

HEALTH

- 1. Health certificate number: 20210
- 2. Name of owner: J. M. P. P.
- 3. Sex: Male

(To be filled in by the owner of the animal)

No.	Date	Particulars	Remarks	Signature	Place
1					
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REGISTER

- 1. Name of the holder: J. M. P. P.
- 2. Sex of animal: Male
- 3. Identification number: 20210

(To be filled in by the holder)

No.	Date	Particulars	Remarks	Signature	Place
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*Handwritten signature and date in the Register table.*

Form 40-11

### HEALTH

- 1. Name of the Member of the Board: (S) (P)
- 2. Name of the Member: (S) (P) (M) (D)
- 3. Sex: (M) (F)

4. Name of the Board: (S) (P) (M) (D)

Name	Sex	Age	Address	Profession	Religion	Political Party	Other
...	...	...	...	...	...	...	...

### REGISTER

- 1. Name of the Member of the Board: (S) (P) (M) (D)
- 2. Name of the Member: (S) (P) (M) (D)
- 3. Sex: (M) (F)
- 4. Medical Examination and Certificate Number

5. Date of Birth: (S) (P) (M) (D)

Name	Sex	Age	Address	Profession	Religion	Political Party	Other
...	...	...	...	...	...	...	...

1. This form is to be filled up by the Member of the Board.  
2. This form is to be filled up by the Member.







1. Name of the person (Print name) : W.F.C.  
2. Sex of person: FEMALE  
3. Age: 48

4. District and Sub-District (Print name) : ...

Sl. No.	Date	Name of the person	Sex	Age	Religion	Occupation	Address	Remarks
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Print Name and Address of the person

1. Name of the person (Print name) : ...  
2. Sex of person : ...  
3. Age of person : ...

Sl. No.	Date	Name of the person	Sex	Age	Religion	Occupation	Address	Remarks
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Print Name and Address of the person









FORM NO. 11

### HEALTH

1. Name of the person to be examined: Dr. J. J. J.  
2. Name of the person: Dr. J. J. J.  
3. Age: 45

(To be filled up by the person to be examined)

No.	Date	Particulars	Remarks
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### REGISTER

1. Name of the person: Dr. J. J. J.  
2. Age: 45

(To be filled up by the person to be examined)

No.	Date	Particulars	Remarks
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Dr. J. J. J.  
Signature



**FORM 10**

**HEALTH**

1. Health Insurance Policy No. 33333  
 2. Health Plan - (LACA) (MPT)  
 3. Plan - (MPT)

(This form is required to be filed with the Form 1040 tax return)

Month	Days	Amount	Amount	Amount	Amount	Amount	Amount	Amount
January	31							
February	28							
March	31							
April	30							
May	31							
June	30							
July	31							
August	31							
September	30							
October	31							
November	30							
December	31							

**REGISTER**

1. Health Insurance Policy No. 33333333 (LACA) (MPT) (MPT)  
 2. Health Plan - (LACA) (MPT)  
 3. Medical Insurance - (LACA) (MPT)

(This form is required to be filed with the Form 1040 tax return)


Month	Days	Amount	Amount	Amount	Amount	Amount	Amount
January	31						
February	28						
March	31						
April	30						
May	31						
June	30						
July	31						
August	31						
September	30						
October	31						
November	30						
December	31						

*Handwritten notes:*  
 X  
 2/28/03

**FORM NO.- 17A**

**Record of Eye Examination**

Sl. No.	DEPARTMENT / WORK	NAME OF WORKER	SEX	AGE (on last birthday)	OCCUPATION		EXAMINATION OF EYE SIGHT		SIGNATURE OF OPHTHALMOLOGIST	REMARKS
					Nature	Date of Employment	Date	Result		
6.	Plant-5 Mechanical	Dikash Rana 31898	M	19/07 1995	311 (Femoral)	01/07 2019	22/03/23	BE (L/R)	SAS	Fit
7.	Plant-3 Mechanical	Rajesh Kumar Sahoo 31925	M	07/06 1992	Emp/Plant	08/06 2019	22/03/23	BE (L/R)	SAS	Fit
8.	Organ Plant	Tammana Srinivas 31882	M	11/04 1989	SR. Engineer	01/07 2019	22/03/23	BE (L/R)	SAS	Fit
9.	Plant-2 Operation	Amar Das 31960	M	15/06 1990	SR. Engineer	15/07 2019	22/03/23	BE (L/R)	SAS	Fit
10.	Plant-3 Mechanical	Sushant Kumar Sahoo 31913	M	03/07 1984	SR. Engineer	04/07 2019	22/03/23	BE (L/R)	SAS	Fit

Dr.   
 Regd. No. Sanjay Das  
 M.B.B.S - D.O.  
 (Ophthalmologist)  
 Regno - 42401  
 Ophthalmologist Sign. 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		
12	Plant 3 Sparshini	Mrinal Das 22267	M	04/08 1989	Engineer	17/02 2014	22-3-23	BE < 6	SAS	Fit
17	Plant 2 Mechanical	Debabrata Mondal 31086	M	03/05 1992	Plant Engineer	05/04 2018	22-3-23	BE < 6	SAS	Fit
18	Plant 3 Mechanical	Anash Das 30213	M	01/10 1994	Plant Engineer	26/04 2016	22-3-23	BE < 6	SAS	Fit
19	Plant 4 Mechanical	Debabish Patra 31890	M	10/02 1992	H.E.F.	21/02 2019	22-3-23	BE < 6	SAS	Fit
20	Organic Plant Automation	Saurav Das 33326	M	10/01 1987	Deputy Manager	15/03 2022	22-3-23	BE < 6	SAS	Fit

Dr. SAS  
 Regd. No. 22-07-2023  
**Dr. Sanjay Das**  
 MBBS - DLO  
 (Ophthalmologist)  
 Ophthalmologist 405/405/2023

**FORM NO.- 17A**

**Record of Eye Examination**

Sl. NO.	DEPARTMENT / WORK	NAME OF WORKER	SEX	AGE (as last birthday)	OCCUPATION		EXAMINATION OF EYE SIGHT		SIGNATURE OF OPHTHALMOLOGIST	REMARKS
					Nature	Date of Employment	Date	Result		
31	Part-1 (3)	Santosh Mandal 32886	M	13/01 2000	SR Programmer	25/05 2021	27-3-23	BE C <sup>h</sup> <sub>6</sub>	SAS	Fit
32	Part-5 Mechanical	Jayanta Kumar Saha 33052	M	09/03 1987	Worker	01/11 2021	27-3-23	BE C <sup>h</sup> <sub>6</sub>	SAS	Fit
33	Part-5 Mechanical	Deepak Kumar 31371	M	15/03 1992	Programmer	17/08 2022	27-3-23	BE C <sup>h</sup> <sub>6</sub>	SAS	Fit
34	Part-5 Mechanical	Rajesh Kumar 32485	M	01/09 1969	Programmer	01/09 2020	27-3-23	BE C <sup>h</sup> <sub>6</sub>	SAS	Fit
35	Part-2 Semi-skilled	Kimidi Sanyal 31186	M	06/06 1995	SR Programmer	25/05 2018	27-3-23	BE C <sup>h</sup> <sub>6</sub>	SAS	Fit

  
 Dr. Sanjay Das 203-2023  
 Regd. M.D.S. - D.O.  
 (Ophthalmologist)  
 Regn. - 42401  
 Ophthalmologist Sign. of Bar