

EC Conditions Six Monthly Compliance Report

(by Project Proponent)



Proposal No : UIA/WB/IND/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 :	160		
Complied :	28	Being Complied :	95
Not Complied :	3	Partially Complied :	0
Agreed to Comply :	34		




5. Details of Production and Project Area :

6. Specific Conditions (Proponent):

S.No	Condition	Self Declaration	Remarks / Reason	Supporting Documents	Observation of IRO
1	On-line ambient air quality monitoring and continuous stack monitoring facilities for all the stacks shall be provided and sufficient air pollution control devices viz. Electrostatic precipitator (ESP), and bag filters etc. shall be provided to keep the emission levels below 50 mg/Nm by installing energy efficient technology.	Being Complied	Due to space constraint, kindly refer below attached file Compliance_Dec_2		
2	The National Ambient Air Quality Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be followed.	Being Complied	Due to space constraint, kindly refer below attached file Compliance_Dec_2		






3	Gaseous emission levels including secondary fugitive emissions from all the sources shall be controlled within the latest permissible limits issued by the Ministry vide G.S.R. 414(E) dated 30th May, 2008 and regularly monitored. Guidelines/Code of Practice issued by the CPCB shall be followed.	Agreed to Comply	Agreed Due to space constraint, kindly refer below attached file Compliance_Dec_2		
4	Dust suppression system and bag filters shall be installed to control the fugitive dust emissions at conveyor and transfer points, product handling, loading and unloading points.	Agreed to Comply	Due to space constraint, kindly refer below attached file Compliance_Dec_2	N/A	
5	Efforts shall further be made to use maximum water from the rain water harvesting sources. If needed, capacity of the reservoir shall be enhanced to meet the maximum water requirement. Only balance water requirement shall be met from other sources. Use of air cooled condensers shall be explored and closed circuit cooling system shall be provided to reduce water consumption and water requirement shall be modified accordingly.	Being Complied	Due to space constraint, kindly refer below attached file Compliance_Dec_2	N/A	
6	All the effluent shall be treated and used for ash handling, dust suppression and green belt development. No effluent shall be discharged and 'zero' discharge shall be adopted. Sanitary sewage shall be treated in septic tank followed by soak pit.	Agreed to Comply	Due to space constraint, kindly refer below attached file Compliance_Dec_2	N/A	
7	Regular monitoring of influent and effluent surface, sub-surface and ground water shall be ensured and treated wastewater shall meet the norms prescribed by the State Pollution Control Board or described under the E(P) Act whichever are more stringent. Leachate study for the effluent generated and analysis shall also be regularly carried out and report submitted to the Ministry's Regional Office at Bhubaneswar, SPCB and CPCB.	Being Complied	Due to space constraint, kindly refer below attached file Compliance_Dec_2		
8	Proper utilization of fly ash shall be ensured as per Fly Ash Notification, 1999 and subsequent amendment in 2003 and 2010. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding shall be	Not Complied	Not Applicable.	N/A	








	submitted to the Ministry's Regional Office.				
9	Risk and Disaster Management Plan along with the mitigation measures shall be prepared and a copy submitted to the Ministry's Regional Office, SPCB and CPCB within 3 months of issue of environment clearance letter.	Complied	The Risk & Disaster Management Plan has been prepared and copy is already submitted to the Ministry's Regional Office at Bhubaneswar vide letter no.- OMPL-KGP/BHU/ENV-COMPL-1/Dec_2015 dated 24.11.2015.	N/A	
10	As proposed, green belt shall be developed in 33 % of plant area. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.	Being Complied	Due to space constraint, kindly refer below attached file Compliance_Dec_2015.pdf		
11	At least 5 % of the total cost of the project shall be earmarked towards the Enterprise Social Commitment (ESC) based on local needs. The proponent shall prepare a detailed CSR Plan for every next 5 years for the existing-cum-expansion project, which includes village-wise, sector-wise (Health, Education, Sanitation, Health, Skill Development and infrastructure requirements such as strengthening of village roads, avenue plantation, etc) activities in consultation with the local communities and ad	Being Complied	Due to space constraint, kindly refer below attached file Compliance_Dec_2015.pdf	N/A	
12	Environmental Management Cell shall be established immediately and shall be headed by a Senior Officer and the mandate of the Cell shall be defined for effective management of environment control measures. The project shall employ an Environmental officer who would be technically qualified to look after various pollution control measures.	Complied	Due to space constraint, kindly refer below attached file Compliance_Dec_2015.pdf	N/A	
13	The project shall develop its own website to upload compliance measure taken to reduce pollution and to ensure implementation of transparency with general public.	Complied	Orissa Metaliks Private Limited has a website and url is www.orissametalik.com Latest compliance reports are uploaded on website at URL http://orissametalik.com	N/A	


			on a regular basis.		
14	Company should develop an HSE Policy.	Complied	Company has a well-defined HSE Policy and system of the reporting of any infringements/ non-compliance of EC conditions to the Board of Directors is in place.	N/A	
15	All the permanent workers should be covered under ESI Scheme.	Complied	All permanent workers are covered under ESI Scheme as per ESI Act.	N/A	
16	Safety awareness among the workers should be provided.	Being Complied	Due to space constraint, kindly refer below attached file Compliance_Dec_2 	N/A	
17	The company should have the provision for treatment of its workers at the local Nursing Homes & Hospitals in case of emergency.	Agreed to Comply	Agreed & Being complied with	N/A	
18	Annual Medical Check-up on some medical parameters like Blood test, Chest X-Ray, Eye test, Audiometry, Spirometry etc. should be conducted amongst the employees of the Company at company's Occupational Health Centre.	Being Complied	Occupational health surveillance of the workers is accessed and records are maintained as per the Factories Act 1948. Company is ISO 45001:2018 certified. 		
19	The company should conduct Pre-employment check-up.	Being Complied	Pre-employment check-up is done before issuing work permit.	N/A	
20	Awareness on the proper use of Personal Protective Equipment (PPE) should be made.	Being Complied	Due to space constraint, kindly refer below attached file Compliance_Dec_2 	N/A	
21	Arrangement for Ambulance with basic facilities with 24 hrs driver and attendant should be made.	Being Complied	Arrangement for Ambulance with basic facilities with 24 hrs driver and attendant is made.	N/A	
22	Sites for construction and workers camp should be clearly demarcated to prevent occupational hazards. Ensure provision for necessary basic needs and infrastructure facilities such as water supply, sanitary facilities, rest shed etc.	Being Complied	Sites for construction and workers camp are clearly demarcated to prevent occupational hazards. Due to space constraint,	N/A	


			kindly refer below attached file Compliance_Dec_2		
23	Where gases or fumes are likely to be present in foundations, sufficient mechanical / artificial ventilation shall be provided to protect the health and safety of persons working there. If necessary, the personnel working there shall be provided with respiratory protective equipment when work in such unhealthy conditions is to be carried out.	Agreed to Comply	Due to space constraint, kindly refer below attached file Compliance_Dec_2	N/A	
24	Hazardous materials such as lubricating oil, compressed gases, paints and varnishes required during construction phase should be stored properly as per the regulations at isolated places.	Being Complied	Due to space constraint, kindly refer below attached file Compliance_Dec_2	N/A	
25	Accidental spillages of oil from construction equipment and storage sites should be prevented.	Agreed to Comply	Noted	N/A	
26	It should be ensured that diesel powered vehicles and construction machinery are properly maintained to minimize the exhaust emission as well as noise generation.	Being Complied	Due to space constraint, kindly refer below attached file Compliance_Dec_2	N/A	
27	Fire protection system for the proposed plant should comprise of an elaborate network of fire brigades, water reservoir, pumps, hydrants, Medium velocity spray system, fire engines, sprinkler system, fire alarms, smoke and heat detectors etc.	Being Complied	Fire brigades, water reservoir, pumps, hydrants, medium velocity spray system are located at strategic points of the plant.	N/A	
28	Portable fire extinguishers of various capacities containing agents such as CO ₂ , DCP etc. and should be located at strategic points of the plant.	Being Complied	Portable fire extinguishers of various capacities containing agents such as CO ₂ , DCP etc. are located at strategic points of the plant.	N/A	
29	In view of vulnerability to fire, effective preventive and design measures should be taken to minimise fire hazard.	Being Complied	Being Complied	N/A	
30	There shall be a separate Fire Fighting Department for the proposed plant, which will be full-fledged comprising fire brigade, trained crew, fire fighting	Being Complied	Being Complied	N/A	


	materials, dress and equipment.				
31	Fire fighting Department will conduct mock drills at regular intervals to check the efficacy of firefighting systems.	Being Complied	Being Complied	N/A	
32	The project shall prepare a plan to properly discharge rainwater from the plant area so that water logging may be avoided in general and near DRI plants in particular and submitted with the 6 monthly compliance report.	Agreed to Comply	Due to space constraint, kindly refer below attached file Compliance_Dec_2	N/A	
33	The concrete drains shall be de-silted and regular supervision of the areas shall be carried out so that blocking of drains may be avoided for quick discharge of rainwater.	Agreed to Comply	Due to space constraint, kindly refer below attached file Compliance_Dec_2	N/A	
34	The workers shall regularly use safety gadgets such as safety shoe, helmets, gloves (engaged in Rolling Mill and IF areas), safety goggles and heat resistance aprons.	Being Complied	The workers are using safety gadgets such as safety shoes, helmets, gloves, ear plug, mask, face shield inside the plant.	N/A	
35	Monitoring report on Ambient Air Quality, fugitive dust and noise levels inside the plant shall be submitted along with the six-monthly compliance reports.	Being Complied	In compliance to this point this report is being submitted. Last latest compliance reports for period October 2021 to March 2022 submitted vide letter no.- OMPL-KGP/ENV_COMP / June-2022 dated 26.05.2022.	N/A	
36	Company should develop an HSE Policy.	Complied	Company has a well-defined HSE Policy and system of the reporting of any infringements/ non-compliance of EC conditions to the Board of Directors is in place.	N/A	
37	All the permanent workers should be covered under ESI Scheme.	Complied	All permanent workers are covered under ESI Scheme as per ESI Act.	N/A	
38	Safety awareness among the workers should be provided.	Being Complied	Due to space constraint, kindly refer the below attached file Compliance_Dec_2	N/A	


39	The company should have the provision for treatment of its workers at the local Nursing Homes & Hospitals in case of emergency.	Agreed to Comply	Agreed & Being complied with	N/A	
40	Annual Medical Check-up on some medical parameters like Blood test, Chest X-Ray, Eye test, Audiometry, Spirometry etc. should be conducted amongst the employees of the Company at company's Occupational Health Centre.	Being Complied	Occupational health surveillance of the workers is accessed and records are maintained as per the Factories Act 1948. Company is ISO 45001:2018 certified. The OHS record is being enclosed here		
41	The company should conduct Pre-employment check-up.	Being Complied	Pre-employment check-up is done before issuing work permit.	N/A	
42	Awareness on the proper use of Personal Protective Equipment (PPE) should be made.	Being Complied	Due to space constraint, kindly refer the below attached file Compliance_Dec_2 	N/A	
43	Arrangement for Ambulance with basic facilities with 24 hrs driver and attendant should be made.	Being Complied	Arrangement for Ambulance with basic facilities with 24 hrs driver and attendant is made.	N/A	
44	Sites for construction and workers camp should be clearly demarcated to prevent occupational hazards. Ensure provision for necessary basic needs and infrastructure facilities such as water supply, sanitary facilities, rest shed etc.	Being Complied	Due to space constraint, kindly refer the below attached file Compliance_Dec_2 	N/A	
45	Where gases or fumes are likely to be present in foundations, sufficient mechanical / artificial ventilation shall be provided to protect the health and safety of persons working there. If necessary, the personnel working there shall be provided with respiratory protective equipment when work in such unhealthy conditions is to be carried out.	Agreed to Comply	Due to space constraint, kindly refer the below attached file Compliance_Dec_2 	N/A	
46	Hazardous materials such as lubricating oil, compressed gases, paints and varnishes required during construction phase should be stored properly as per the regulations at isolated places.	Being Complied	Due to space constraint, kindly refer the below attached file Compliance_Dec_2 	N/A	
47	Accidental spillages of oil from construction equipment	Agreed to Comply	Noted	N/A	

	and storage sites should be prevented.				
48	It should be ensured that diesel powered vehicles and construction machinery are properly maintained to minimize the exhaust emission as well as noise generation.	Being Complied	Due to space constraint, kindly refer the below attached file Compliance_Dec_2 	N/A	
49	Fire protection system for the proposed plant should comprise of an elaborate network of fire brigades, water reservoir, pumps, hydrants, Medium velocity spray system, fire engines, sprinkler system, fire alarms, smoke and heat detectors etc.	Being Complied	Fire brigades, water reservoir, pumps, hydrants, medium velocity spray system are located at strategic points of the plant.	N/A	
50	Portable fire extinguishers of various capacities containing agents such as CO2, DCP etc. and should be located at strategic points of the plant.	Being Complied	Portable fire extinguishers of various capacities containing agents such as CO2, DCP etc. are located at strategic points of the plant.	N/A	
51	In view of vulnerability to fire, effective preventive and design measures should be taken to minimise fire hazard.	Being Complied	Being Complied	N/A	
52	There shall be a separate Fire Fighting Department for the proposed plant, which will be full-fledged comprising fire brigade, trained crew, fire fighting materials, dress and equipment.	Being Complied	Being Complied	N/A	
53	Fire fighting Department will conduct mock drills at regular intervals to check the efficacy of firefighting systems.	Being Complied	Being Complied	N/A	
54	On-line ambient air quality monitoring and continuous stack monitoring facilities for all the stacks shall be provided and sufficient air pollution control devices viz. Electrostatic precipitator (ESP), and bag filters etc. shall be provided to keep the emission levels below 50 mg/Nm by installing energy efficient technology.	Being Complied	Due to space constraint, kindly refer the below attached file Compliance_Dec_2 		
55	The National Ambient Air Quality Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be followed.	Being Complied	Due to space constraint, kindly refer below attached file Compliance_Dec_2 		
56	Gaseous emission levels including secondary fugitive emissions from all the sources shall be controlled within the latest permissible	Agreed to Comply	Due to space constraint, kindly refer the below attached file Compliance_Dec_2 		

	limits issued by the Ministry vide G.S.R. 414(E) dated 30th May, 2008 and regularly monitored. Guidelines/Code of Practice issued by the CPCB shall be followed.				
57	Dust suppression system and bag filters shall be installed to control the fugitive dust emissions at conveyor and transfer points, product handling, loading and unloading points.	Agreed to Comply	Due to space constraint, kindly refer the below attached file Compliance_Dec_2	N/A	
58	Efforts shall further be made to use maximum water from the rain water harvesting sources. If needed, capacity of the reservoir shall be enhanced to meet the maximum water requirement. Only balance water requirement shall be met from other sources. Use of air cooled condensers shall be explored and closed circuit cooling system shall be provided to reduce water consumption and water requirement shall be modified accordingly.	Being Complied	Currently 02 nos. pellet plants and 6 x 7500 Nm ³ /hr Producer Gas Plant is in operation. Due to space constraint, kindly refer the below attached file Compliance_Dec_2	N/A	
59	All the effluent shall be treated and used for ash handling, dust suppression and green belt development. No effluent shall be discharged and 'zero' discharge shall be adopted. Sanitary sewage shall be treated in septic tank followed by soak pit.	Agreed to Comply	Due to space constraint, kindly refer the below attached file Compliance_Dec_2	N/A	
60	Regular monitoring of influent and effluent surface, sub-surface and ground water shall be ensured and treated wastewater shall meet the norms prescribed by the State Pollution Control Board or described under the E(P) Act whichever are more stringent. Leachate study for the effluent generated and analysis shall also be regularly carried out and report submitted to the Ministry's Regional Office at Bhubaneswar, SPCB and CPCB.	Being Complied	Due to space constraint, kindly refer the below attached file Compliance_Dec_2		
61	Proper utilization of fly ash shall be ensured as per Fly Ash Notification, 1999 and subsequent amendment in 2003 and 2010. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding shall be submitted to the Ministry's Regional Office.	Not Complied	Not Applicable.	N/A	
62	Risk and Disaster Management Plan along with	Complied	Risk & Disaster Management Plan	N/A	

	the mitigation measures shall be prepared and a copy submitted to the Ministry's Regional Office, SPCB and CPCB within 3 months of issue of environment clearance letter.		has been prepared and a copy is already submitted to the Ministry's Regional Office at Bhubaneswar vide letter no. - OMPL-KGP/BHU/ENV-COMPL-1/Dec_2015 dated 24.11.2015.		
63	As proposed, green belt shall be developed in 33 % of plant area. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.	Being Complied	Due to space constraint, kindly refer the below attached file Compliance_Dec_2		
64	At least 5 % of the total cost of the project shall be earmarked towards the Enterprise Social Commitment (ESC) based on local needs. The proponent shall prepare a detailed CSR Plan for every next 5 years for the existing-cum-expansion project, which includes village-wise, sector-wise (Health, Education, Sanitation, Health, Skill Development and infrastructure requirements such as strengthening of village roads, avenue plantation, etc) activities in consultation with the local communities and ad	Being Complied	Due to space constraint, kindly refer the below attached file Compliance_Dec_2	N/A	
65	The project shall prepare a plan to properly discharge rainwater from the plant area so that water logging may be avoided in general and near DRI plants in particular and submitted with the 6 monthly compliance report.	Agreed to Comply	Due to space constraint, kindly refer the below attached file Compliance_Dec_2	N/A	
66	The concrete drains shall be de-silted and regular supervision of the areas shall be carried out so that blocking of drains may be avoided for quick discharge of rainwater.	Agreed to Comply	Due to space constraint, kindly refer the below attached file Compliance_Dec_2	N/A	
67	The workers shall regularly use safety gadgets such as safety shoe, helmets, gloves (engaged in Rolling Mill and IF areas), safety goggles and heat resistance aprons.	Being Complied	The workers are using safety gadgets such as safety shoes, helmets, gloves, ear plug, mask, face shield inside the plant.	N/A	
68	Monitoring report on Ambient Air Quality, fugitive dust and noise levels inside the plant shall be submitted along with the six-monthly compliance reports.	Being Complied	In compliance to this point this report is being submitted. Last latest compliance reports for period October	N/A	

			2021 to March 2022 submitted vide letter no.- OMPL-KGP/ENV_COMP /June-2022 dated 26.05.202		
69	Environmental Management Cell shall be established immediately and shall be headed by a Senior Officer and the mandate of the Cell shall be defined for effective management of environment control measures. The project shall employ an Environmental officer who would be technically qualified to look after various pollution control measures.	Complied	Due to space constraint, kindly refer the below attached file Compliance_Dec_2	N/A	
70	The project shall develop its own website to upload compliance measure taken to reduce pollution and to ensure implementation of transparency with general public.	Complied	Orissa Metaliks Private Limited has a website and url is www.orissametalik Latest compliance reports are uploaded on website at URL http://orissametal on a regular basis.	N/A	
71	The workers shall regularly use safety gadgets such as safety shoe, helmets, gloves (engaged in Rolling Mill and IF areas), safety goggles and heat resistance aprons.	Being Complied	The workers are using safety gadgets such as safety shoes, helmets, gloves, ear plug, mask, face shield inside the plant.	N/A	
72	The project shall develop its own website to upload compliance measure taken to reduce pollution and to ensure implementation of transparency with general public.	Complied	Orissa Metaliks Private Limited has a website and url is www.orissametalik Latest compliance reports are uploaded on website at URL http://orissametal on a regular basis.	N/A	
73	The company should have the provision for treatment of its workers at the local Nursing Homes & Hospitals in case of emergency.	Being Complied	Agreed& Being complied with	N/A	
74	In view of vulnerability to fire, effective preventive and design measures should be taken to minimise fire hazard.	Being Complied	Being Complied	N/A	
75	Monitoring report on Ambient Air Quality, fugitive dust and noise levels inside	Being Complied	In compliance to this point this report is being		

	the plant shall be submitted along with the six-monthly compliance reports.		submitted. Last latest compliance reports for the period April 2022 to September 2022 submitted vide letter no. - OMPL-KGP/ENV_COMP/Dec-2022 dated		
76	The concrete drains shall be de-silted and regular supervision of the areas shall be carried out so that blocking of drains may be avoided for quick discharge of rainwater.	Complied	The management of OMPL-II have constructed drains along the internal road and is connected with 01 no guard/storm water collecting pond inside the plant premises.		
77	Sites for construction and workers camp should be clearly demarcated to prevent occupational hazards. Ensure provision for necessary basic needs and infrastructure facilities such as water supply, sanitary facilities, rest shed etc.	Being Complied	Sites for construction and workers camp are clearly demarcated to prevent occupational hazards. using for construction labour outside the site with all necessary infrastructure and facilities.	N/A	
78	Environmental Management Cell shall be established immediately and shall be headed by a Senior Officer and the mandate of the Cell shall be defined for effective management of environment control measures. The project shall employ an Environmental officer who would be technically qualified to look after various pollution control measures.	Complied	A dedicated Environment Management Cell with qualified Experience personnel is there to handle and solve env. issues and to make sure stipulated environmental norms & conditions are being complied.	N/A	
79	Safety awareness among the workers should be provided.	Being Complied	Safety awareness campaigns are being organised inside the plant premises for all units with the objective of demonstrating the use of PPEs in different work zone and explaining the benefit of using it	N/A	
80	Annual Medical Check-up on some medical parameters like Blood test, Chest X-Ray, Eye test, Audiometry, Spirometry etc. should be conducted amongst the employees of the Company	Being Complied	Occupational health surveillance of the workers is accessed and records are maintained as per the Factories	N/A	

	at company's Occupational Health Centre.		Act 1948. Company is ISO 45001:2018 certified.		
81	All the permanent workers should be covered under ESI Scheme.	Complied	All permanent workers are covered under ESI Scheme as per ESI Act.	N/A	
82	The company should conduct Pre-employment check-up.	Being Complied	The company should conduct Pre-employment check-up.	N/A	
83	Where gases or fumes are likely to be present in foundations, sufficient mechanical / artificial ventilation shall be provided to protect the health and safety of persons working there. If necessary, the personnel working there shall be provided with respiratory protective equipment when work in such unhealthy conditions is to be carried out.	Complied	Sufficient mechanical / artificial ventilation, respiratory protective equipment is & will be provided to protect the health and safety of persons working in a place.	N/A	
84	At least 5 % of the total cost of the project shall be earmarked towards the Enterprise Social Commitment (ESC) based on local needs. The proponent shall prepare a detailed CSR Plan for every next 5 years for the existing-cum-expansion project, which includes village-wise, sector-wise (Health, Education, Sanitation, Health, Skill Development and infrastructure requirements such as strengthening of village roads, avenue plantation, etc) activities in consultation with the local communities and ad	Being Complied	M/s Orissa Metaliks Private Limited has well-defined CSR/CER policy under which OMPL carries out social development and welfare measures in the surrounding villages.	N/A	
85	The project shall prepare a plan to properly discharge rainwater from the plant area so that water logging may be avoided in general and near DRI plants in particular and submitted with the 6 monthly compliance report.	Agreed to Comply	As stated earlier, project is still under constructional phase only 02 nos. pellet plants and 6 x 7500 Nm ³ /hr Producer Gas Plant are in operation. Details have been mentioned in the uploaded report.	N/A	
86	Company should develop an HSE Policy.	Complied	Company has a well-defined HSE Policy and system of the reporting of any infringements/ non-compliance of EC conditions to the Board of Directors is in place.	N/A	




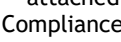
87	Hazardous materials such as lubricating oil, compressed gases, paints and varnishes required during construction phase should be stored properly as per the regulations at isolated places.	Being Complied	Hazardous materials such as lubricating oil, compressed gases, paints, and varnishes required during construction phase are stored properly and disposed of as per Hazardous & Other Waste rules.	N/A	
88	Efforts shall further be made to use maximum water from the rain water harvesting sources. If needed, capacity of the reservoir shall be enhanced to meet the maximum water requirement. Only balance water requirement shall be met from other sources. Use of air cooled condensers shall be explored and closed circuit cooling system shall be provided to reduce water consumption and water requirement shall be modified accordingly.	Being Complied	Please refer to the uploaded ec compliance point no. V under general cond.	N/A	
89	Fire protection system for the proposed plant should comprise of an elaborate network of fire brigades, water reservoir, pumps, hydrants, Medium velocity spray system, fire engines, sprinkler system, fire alarms, smoke and heat detectors etc.	Being Complied	Fire brigades, water reservoir, pumps, hydrants, medium velocity spray system are located at strategic points of the plant.	N/A	
90	Gaseous emission levels including secondary fugitive emissions from all the sources shall be controlled within the latest permissible limits issued by the Ministry vide G.S.R. 414(E) dated 30th May, 2008 and regularly monitored. Guidelines/Code of Practice issued by the CPCB shall be followed.	Complied	Please refer to the point no. III under specific condition.	N/A	
91	Dust suppression system and bag filters shall be installed to control the fugitive dust emissions at conveyor and transfer points, product handling, loading and unloading points.	Complied	Please refer the point no. iv under specific condition.	N/A	
92	The National Ambient Air Quality Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall 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. Refer	N/A	


			Annex-III & IV of uploaded report.		
93	There shall be a separate Fire Fighting Department for the proposed plant, which will be full-fledged comprising fire brigade, trained crew, fire fighting materials, dress and equipment.	Being Complied	Being Complied	N/A	
94	Accidental spillages of oil from construction equipment and storage sites should be prevented.	Agreed to Comply	Noted	N/A	
95	On-line ambient air quality monitoring and continuous stack monitoring facilities for all the stacks shall be provided and sufficient air pollution control devices viz. Electrostatic precipitator (ESP), and bag filters etc. shall be provided to keep the emission levels below 50 mg/Nm by installing energy efficient technology.	Being Complied	Refer point no. i. under specific cond.	N/A	
96	Regular monitoring of influent and effluent surface, sub-surface and ground water shall be ensured and treated wastewater shall meet the norms prescribed by the State Pollution Control Board or described under the E(P) Act whichever are more stringent. Leachate study for the effluent generated and analysis shall also be regularly carried out and report submitted to the Ministry's Regional Office at Bhubaneswar, SPCB and CPCB.	Being Complied	The management of OMPL-II is conducting third party monitoring of effluent, sub-surface and ground water by /s Qualissure Laboratory Services, W.B. Please refer to the point vii under specific cond.	N/A	
97	Fire fighting Department will conduct mock drills at regular intervals to check the efficacy of firefighting systems.	Being Complied	Being Complied	N/A	
98	It should be ensured that diesel powered vehicles and construction machinery are properly maintained to minimize the exhaust emission as well as noise generation.	Being Complied	Vehicles having valid PUC Certificates are allowed in plant premises to ensure that diesel powered vehicles and construction machinery are properly maintained to minimize the exhaust emission as well	N/A	
99	Risk and Disaster Management Plan along with the mitigation measures shall be prepared and a copy submitted to the Ministry's Regional Office, SPCB and CPCB within 3 months of	Complied	The Risk & Disaster Management Plan has been prepared and a copy is already submitted to the Ministry's	N/A	

	issue of environment clearance letter.		Regional Office at Bhubaneswar vide letter no. - OMPL-KGP/BHU/ENV-COMPL-I/Dec_2015 dt 24.11.2015		
100	Proper utilization of fly ash shall be ensured as per Fly Ash Notification, 1999 and subsequent amendment in 2003 and 2010. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding shall be submitted to the Ministry's Regional Office.	Not Complied	Not applicable	N/A	
101	All the effluent shall be treated and used for ash handling, dust suppression and green belt development. No effluent shall be discharged and 'zero' discharge shall be adopted. Sanitary sewage shall be treated in septic tank followed by soak pit.	Agreed to Comply	The plant is designed as Zero Discharge Plant and no waste water is discharged outside plant premises. Water in pellet plant is used for cooling purpose and Phenolic water is used for green ball making.	N/A	
102	Portable fire extinguishers of various capacities containing agents such as CO ₂ , DCP etc. and should be located at strategic points of the plant.	Being Complied	Portable fire extinguishers of various capacities containing agents such as CO ₂ , DCP etc. are located at strategic points of the plant.	N/A	
103	As proposed, green belt shall be developed in 33 % of plant area. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.	Being Complied	Green financial year 2022-23, around 4904 saplings were planted and the survival rate is 89 %. To maintain green belt development work dedicated manpower has been deployed.	N/A	
104	Arrangement for Ambulance with basic facilities with 24 hrs driver and attendant should be made.	Being Complied	Arrangement for Ambulance with basic facilities with 24 hrs driver and attendant is made.	N/A	
105	Awareness on the proper use of Personal Protective Equipment (PPE) should be made.	Being Complied	The company supplies PPE (personal protective Equipment) to all the workers and the management is very strict	N/A	

about its proper usage.


7. General Conditions (Proponent):

S.No	Condition	Self Declaration	Remarks / Reason	Supporting Documents	Observation of IRO
1	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and Rules.	Agreed to Comply	Agreed	N/A	
2	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	
3	The project authorities must strictly adhere to the stipulations made by the West Bengal Pollution Control Board and the State Government.	Being Complied	Due to space constraint, kindly refer the below attached file Compliance_Dec_2 	N/A	
4	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change (MoEF&CC).	Agreed to Comply	Due to space constraint, kindly refer the below attached file Compliance_Dec_2 	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, PM2.5, SO2 and NOX are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its Regional Office at Bhubaneswar and the SPCB/CPCB once in six months.	Being Complied	Due to space constraint, kindly refer the below attached file Compliance_Dec_2 	N/A	
6	Industrial wastewater shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated	Being Complied	Due to space constraint, kindly refer the below attached file Compliance_Dec_2 	N/A	

	19th May 1993 and 31st December, 1993 or as amended form time to time. The treated wastewater shall be utilized for plantation purpose.				
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 below attached file Compliance_Dec_2		
8	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Being Complied	As stated in point no- xxii, Occupational health surveillance of the workers will be accessed and records will be maintained as per the Factories Act 1948. Company is ISO 45001:2018 certified.	N/A	
9	The company shall develop rain water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.	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_Dec_2	N/A	
11	Requisite funds shall be earmarked towards capital cost and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change (MoEF&CC) as well as the State Government. An implementation schedule for implementing all the	Being Complied	Due to space constraint, kindly refer the below attached file Compliance_Dec_2	N/A	

	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.				
12	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.	Complied	Copies of EC have been submitted to local bodies, Panchayat and Municipal bodies and also uploaded on the website of the company http://orissameta	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&CC at Bhubaneswar. The respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM10, SO2 and NOX (ambient levels as well as stack emissions) or critical sectorial parameters, indicated for the project	Being Complied	Compliance reports and monitoring results are being uploaded on the company website www.orissametalik on regular basis. Due to space constraint, kindly refer the below attached file Compliance_De	N/A	
14	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MOEF&CC, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Bhubaneswar/ CPCB/ SPCB shall monitor the stipulated conditions.	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_COMP / June_2022 dated 26.05.202	N/A	
15	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Office of	Being Complied	Due to space constraint, kindly refer the below attached file Compliance_Dec_2	N/A	

	the MOEF&CC at Bhubaneswar by e-mail.				
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, Forest and Climate Change (MoEF&CC) at http://envfor.nic.in . 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 th	Complied	Due to space constraint, kindly refer the below attached file Compliance_Dec_2	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	The Ministry may revoke or suspend the clearance, if implementation of any of the above condition is not satisfactory.	Agreed to Comply	Noted	N/A	
19	The Ministry reserves the right to stipulate additional conditions if found necessary. The company in a time bound manner shall implement these conditions.	Agreed to Comply	Agreed	N/A	
20	The project authorities must strictly adhere to the stipulations made by the West Bengal Pollution Control Board and the State Government.	Being Complied	Due to space constraint, kindly refer below attached file Compliance_Dec_2	N/A	
21	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change (MoEF&CC).	Agreed to Comply	Due to space constraint, kindly refer below attached file Compliance_Dec_2	N/A	
22	At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM10, PM2.5, SO2 and NOX are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its Regional Office at Bhubaneswar and the SPCB/CPCB once in six months.	Being Complied	Due to space constraint, kindly refer below attached file Compliance_Dec_2	N/A	
23	Industrial wastewater shall be properly collected,	Being Complied	Due to space constraint, kindly	N/A	

	treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May 1993 and 31st December, 1993 or as amended form time to time. The treated wastewater shall be utilized for plantation purpose.		refer below attached file Compliance_Dec_2		
24	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 below attached file Compliance_Dec_2		
25	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Being Complied	As stated in point no- xxii, Occupational health surveillance of the workers will be accessed and records will be maintained as per the Factories Act 1948. Company is ISO 45001:2018 certified.	N/A	
26	The company shall develop rain water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.	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	
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	Due to space constraint, kindly refer below attached file Compliance_Dec_2	N/A	
28	Requisite funds shall be earmarked towards capital cost and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change (MoEF&CC) as well as the State	Being Complied	Due to space constraint, kindly refer below attached file Compliance_Dec_2	N/A	

	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.				
29	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.	Complied	Copies of EC have been submitted to local bodies, Panchayat and Municipal bodies and also uploaded on the website of the company http://orissameta	N/A	
30	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEF&CC at Bhubaneswar. The respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM10, SO2 and NOX (ambient levels as well as stack emissions) or critical sectorial parameters, indicated for the project	Being Complied	Due to space constraint, kindly refer below attached file Compliance_Dec_2	N/A	
31	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MOEF&CC, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Bhubaneswar/ CPCB/ SPCB shall monitor the stipulated conditions.	Being Complied	This report is being submitted as compliance to this point. The last compliance reports for the period October2021 to March 2022 submitted vide letter no.-OMPL-KGP/ENV_COMP / June_2022 dated 26.05.2022	N/A	
32	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions	Being Complied	Due to space constraint, kindly refer below attached file Compliance_Dec_2	N/A	

	and shall also be sent to the respective Regional Office of the MOEF&CC at Bhubaneswar by e-mail.				
33	The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at Website of the Ministry of Environment, Forest and Climate Change (MoEF&CC) at http://envfor.nic.in . 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 th	Complied	Due to space constraint, kindly refer below attached file Compliance_Dec_2	N/A	
34	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	
35	The Ministry may revoke or suspend the clearance, if implementation of any of the above condition is not satisfactory.	Agreed to Comply	Noted	N/A	
36	The Ministry reserves the right to stipulate additional conditions if found necessary. The company in a time bound manner shall implement these conditions.	Agreed to Comply	Agreed	N/A	
37	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and Rules.	Agreed to Comply	Agreed	N/A	
38	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change (MoEF&CC).	Being Complied	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.	N/A	
39	The Ministry may revoke or suspend the clearance, if	Agreed to Comply	Noted	N/A	

	implementation of any of the above condition is not satisfactory.				
40	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MOEF&CC, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Bhubaneswar/ CPCB/ SPCB shall monitor the stipulated conditions.	Being Complied	The last compliance reports for the period April, 2022 to september 2022 submitted vide letter no. - OMPL-KGP/ENV_COMP / Dec_2022 dated 21.11.2022.	N/A	
41	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 form time to time. The treated wastewater shall be utilized for plantation purpose.	Being Complied	The Plant has been designed on "Zero" discharge concept	N/A	
42	The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at Website of the Ministry of Environment, Forest and Climate Change (MoEF&CC) at http://envfor.nic.in . 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 th	Complied	Advertisement for environment clearance transfer, in two local newspapers that are widely circulated in the region are: Aajkal" (Bengali) dated 17.03.2015 and Business Standard" (English) dated 17.03.	N/A	
43	The company shall develop rain water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.	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	
44	The project authorities must strictly adhere to the stipulations made by the West Bengal Pollution Control Board and the State Government.	Being Complied	Please refer point no.i.under general cond of uploaded report.	N/A	
45	Project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by	Agreed to Comply	Noted	N/A	

	the concerned authorities and the date of commencing the land development work.				
46	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and Rules.	Agreed to Comply	Agreed	N/A	
47	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Being Complied	As stated in point no- xxii, Occupational health surveillance of the workers will be accessed and records will be maintained as per the Factories Act 1948. Company is ISO 45001:2018 certified.	N/A	
48	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.	Complied	Copies of EC have been submitted to local bodies, Panchayat and Municipal bodies and also uploaded on the website of the company http://orissametaliks.c	N/A	
49	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEF&CC at Bhubaneswar. The respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM10, SO2 and NOX (ambient levels as well as stack emissions) or critical sectorial parameters, indicated for the project	Being Complied	Compliance reports and monitoring results are being uploaded on the company website www.orissametalik on regular basis.	N/A	
50	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the	Being Complied	Environmental Statement for financial year 2021-2022 in Form-V as prescribed under the Environment (Protection)	N/A	

	Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Office of the MOEF&CC at Bhubaneswar by e-mail.		Rules, 1986, as amended subsequently, is submitted vide letter no- OMPL-II/ENV_Statement		
51	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 premises and a dedicated team is engaged to continuously check the noise level.	N/A	
52	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 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.	N/A	
53	Requisite funds shall be earmarked towards capital cost and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change (MoEF&CC) as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional Office of the Ministry at Bhubaneswar. The funds so provided shall not be diverted for any other purpose.	Being Complied	Please refer the point no. ix. under general condition	N/A	
54	At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM10, PM2.5, SO2 and NOX are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to this Ministry	Being Complied	Please refer point no. iii under general cond.	N/A	

	including its Regional Office at Bhubaneswar and the SPCB/CPCB once in six months.				
55	The Ministry reserves the right to stipulate additional conditions if found necessary. The company in a time bound manner shall implement these conditions.	Agreed to Comply	Agreed	N/A	

****Note : N/A - Not Available**

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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 Nm³/hr) at Gokulpur, Tehsil- Kharagpur, District- Paschim Medinipur West Bengal

1 message

ORISSA METALIKS <orissametalikspvtltd@gmail.com>

Fri, May 26, 2023 at 11:22 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 -11011/182/2012-IA II (I); Dated 24th 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 Nm³/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.

With warm Regards,

Authorised Signatory

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

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

Tel : 91 33-22894255/ 56

Fax : 91 33-22894254

Mbl. No-07044070948

**Compliance.pdf**

15094K

ORISSA METALIKS PRIVATE LIMITED

REGD. OFFICE : 1, GARSTIN PLACE, 'ORBIT HOUSE', 3RD FLOOR, ROOM NO. 3B, KOLKATA - 700 001, INDIA

Phone : +91-33-2243-8518, Fax : +91-33-2243-8517, E-mail : sc_ompl@orissametaliks.com

Website : www.orissametaliks.com, CIN : U27109WB2006PTC111146

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 Nm³/hr) at Gokulpur, Tehsil- Kharagpur, District- Paschim Medinipur West Bengal

Ref: - EC No- J -11011/182/2012-IA II (I); Dated 24th 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 24th 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 Nm³/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.

Unit - I : Mathurakismat, P.O. : Shyamraipur, P.S. : Kharagpur (L), Dist. - Paschim Medinipur (W.B.)

Unit - II : Chaksonadhar, NH-6, Gokulpur, P.O. : Shyamraipur, P.S. : Kharagpur (L), Dist. - Paschim Medinipur (W.B.)

SIX MONTHS COMPLIANCE REPORT

October 2022 to March 2023

For

**Iron Ore Beneficiation Plant/ Wet Grinding
(matching with pellet plant), Pellet Plant (2.2
MTPA), Producer Gas Plant (480 TPD or 75,000
Nm³/hr)**

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

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



M/s ORISSA METALIKS PRIVATE LIMITED

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

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

Name of the Project: -

Iron Ore Beneficiation Plant/ wet grinding (matching with pellet plant), Pellet Plant (2.2 MTPA), Producer Gas Plant (480 TPD or 75,000 Nm³/hr)

Clearance Letter/s No. and date: -

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

Period of Compliance Report: -

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 ³ .	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 Annexure - I . 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 Annexure - II .
ii)	The pollution load after expansion shall not exceed the existing pollution load as submitted on Parivesh Portal.	Agreed and being complied with

SL. No.	CONDITIONS	COMPLIANCE STATUS
A. SPECIFIC CONDITIONS		
i.	On-line ambient air quality monitoring and continuous stack monitoring facilities for all the stacks shall be provided and sufficient air pollution control devices viz. Electrostatic precipitator (ESP), and bag filters etc. shall be provided to keep the emission levels below 50 mg/Nm by installing energy efficient technology.	Being Complied Project is being operated by name of M/s Orissa Metaliks Private Limited (Unit-II) and is still under constructional phase. Only 02 nos. pellet plants and 6x 7500 Nm ³ /hr Producer Gas Plant is in operation. 01 nos. manual AAQM systems installed at plant main gate and also after taking into consideration the interest and financial share cost from associate company of the Group, for monitoring the Ambient Air quality around industrial units of the Group 04 nos. Continuous Ambient Air Quality Monitoring Station (USEPA/ MCERT approved) are installed covering upwind, downwind and crosswind directions after getting site approval from WBPCB and the online ambient air quality data is being transferred to WBPCB online server. CAAQMS data's are enclosed as Annexure-III . The management of OMPL has installed 24 x7 continuous emission monitoring system as per CPCB guideline at process stacks to monitor stack emission and the data is being transferred to CPCB online server. The Pellet Plant is equipped with individual ESP, bag filters, and cyclone. All ESP & bag houses are designed to meet the standard below 30 mg/Nm ³ . Recently at two locations viz., Dhekia and Near Plant main Gate AAQ



		<p>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="695 331 1437 535"> <thead> <tr> <th>Parameter</th> <th>Dhekia</th> <th>Near plant main gate</th> </tr> </thead> <tbody> <tr> <td>PM₁₀ (µg/m³)</td> <td>73</td> <td>79</td> </tr> <tr> <td>PM_{2.5} (µg/m³)</td> <td>34</td> <td>47</td> </tr> <tr> <td>SO₂ (µg/m³)</td> <td>7.8</td> <td>7.2</td> </tr> <tr> <td>NO_x (µg/m³)</td> <td>25.6</td> <td>28.2</td> </tr> <tr> <td>CO (mg/m³)</td> <td>675</td> <td>755</td> </tr> </tbody> </table> <p>The latest Ambient Air Quality (AAQ) analysis reports are attached in as Annexure-IV.</p>	Parameter	Dhekia	Near plant main gate	PM ₁₀ (µg/m ³)	73	79	PM _{2.5} (µg/m ³)	34	47	SO ₂ (µg/m ³)	7.8	7.2	NO _x (µg/m ³)	25.6	28.2	CO (mg/m ³)	675	755
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<p>ii.</p>	<p>The National Ambient Air Quality Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be followed.</p>	<p>Being Complied</p> <p>Management is strictly maintaining the National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009.</p> <p>Ambient Air Quality (AAQ) is monitored) at two locations viz., Dhekia village and Near Plant main Gate AAQ monitoring carried by third party monitoring agency M/s Qualissure Laboratory Services, West Bengal which is NABL/ WBPCB/OSPCB accredited laboratory has done the analysis.</p> <p>Latest CAAQMS & AAQM reports are already enclosed as Annexure-III and Annexure-IV.</p>																		
<p>iii.</p>	<p>Gaseous emission levels including secondary fugitive emissions from all the sources shall be controlled within the latest permissible limits issued by the Ministry vide G.S.R. 414(E) dated 30th May, 2008 and regularly monitored. Guidelines/Code of Practice issued by the CPCB shall be followed.</p>	<p>Agreed</p> <p>Project is still under constructional phase, only 02 nos. pellet plants and 6 x 7500 Nm³/hr Producer Gas Plant are in operation. The project design is made keeping in view norms & regulations.</p> <p>To mitigate the fugitive emission the action taken by management of OMPL are:</p> <ol style="list-style-type: none"> Installed dust suppression system and bag filters at conveyor and transfer points, product handling, loading and unloading points. 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. Dedicated 01 No water spraying tankers are in use. Concreting of internal road with proper drainage system to reduce fugitive emission because of movement of trucks. 01 no movable Water mist fog system is being used in order to reduce the fugitive dust. Frequency of Mechanical Street sweeping machine with vacuum cleaning has been increased from 02 times a days to 04 times a day. Dry fog system is installed <p>Fugitive emission monitoring for the plants in operation is carried out on regular basis by WBPCB/NABL/MoEF&CC authorized laboratories.</p> <p>Fugitive Emissions have been monitored at Pellet Plant Area, Railway Siding & Product House & Beneficiation Area 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:</p>																		



		Pellet Plant Area III & V	Railway Siding	Iron ore Beneficiation Area	Product Area																						
		237	222	368	246																						
Fugitive emission report is enclosed as Annexure-V .																											
iv.	Dust suppression system and bag filters shall be installed to control the fugitive dust emissions at conveyor and transfer points, product handling, loading and unloading points.	Agreed																									
		Project is still under constructional phase, only 02 nos. pellet plants and 6 x 7500 Nm ³ /hr Producer Gas Plant are in operation. The project designed is made keeping in view norms & regulations.																									
		The management of OMPL have already installed dust suppression system (dry fog system, movable water canon fog mist system etc.) and bag filters at conveyor and transfer points, product handling, loading and unloading points.																									
		Also Fugitive emission monitoring for the plants in operation is carried out on regular basis by WBPCB/NABL/MoEF&CC authorized laboratories.																									
v.	Efforts shall further be made to use maximum water from the rain water harvesting sources. If needed, capacity of the reservoir shall be enhanced to meet the maximum water requirement. Only balance water requirement shall be met from other sources. Use of air cooled condensers shall be explored and closed circuit cooling system shall be provided to reduce water consumption and water requirement shall be modified accordingly.	Being Compiled																									
		Currently 02 nos. pellet plants and 6 x 7500 Nm ³ /hr Producer Gas Plant is in operation. Total fresh make up water requirement for operational project is 167 KLD. Orissa Metaliks (P) Limited (Unit-II) has adequate water withdrawal permission of ground water & surface water (River Kansabati) from SWID, West Bengal. Also management has obtained permission for nalla/ waste water from Kharagpur Municipality for using it in process after treatment. Detail scheme for integrated water distribution network between associate company of the Group is already submitted to ministry, IRO Kolkata, WBPCB vide letter no-RML/Reply_SWID/20-21/02 dated 01.01.2020.																									
		Rain Water Harvesting Pond of size approximately 30,000 m ³ [02 Nos.] is there and water is used for green belt development & dust suppression.																									
vi.	All the effluent shall be treated and used for ash handling, dust suppression and green belt development. No effluent shall be discharged and 'zero' discharge shall be adopted. Sanitary sewage shall be treated in septic tank followed by soak pit.	Agreed																									
		The plant is designed as Zero Discharge Plant and no waste water is discharged outside plant premises. Water in pellet plant is used for cooling purpose and Phenolic water is used for green ball making and in ABC of DRI kiln of OMPL (Unit-I) plant (associate company).																									
		Domestic waste water is treated in STP of adequate capacity.																									
vii.	Regular monitoring of influent and effluent surface, sub-surface and ground water shall be ensured and treated wastewater shall meet the norms prescribed by the State Pollution Control Board or described under the E(P) Act whichever are more stringent. Leachate study for the effluent generated and analysis shall also be regularly carried out and report submitted to the Ministry's Regional Office at Bhubaneswar, SPCB and CPCB.	Being Compiled																									
		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. As per monitoring reports for month of March 2023 the results are as follows																									
		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="3">Parameters</th> <th colspan="2">Industrial Effluent water</th> </tr> <tr> <th colspan="2">ETP</th> </tr> <tr> <th>INLET</th> <th>OUTLET</th> </tr> </thead> <tbody> <tr> <td>pH</td> <td>7.11</td> <td>7.51</td> </tr> <tr> <td>TSS (mg/l)</td> <td>62</td> <td>24</td> </tr> <tr> <td>Oil and Grease (mg/l)</td> <td>5.8</td> <td><1.4</td> </tr> <tr> <td>BOD (mg/l)</td> <td>41</td> <td>15</td> </tr> <tr> <td>COD (mg/l)</td> <td>157</td> <td>59</td> </tr> </tbody> </table>				Parameters	Industrial Effluent water		ETP		INLET	OUTLET	pH	7.11	7.51	TSS (mg/l)	62	24	Oil and Grease (mg/l)	5.8	<1.4	BOD (mg/l)	41	15	COD (mg/l)	157	59
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		Effluent Analysis and Drinking Water analysis reports are attached in as																									



		Annexure -VI.
viii.	Proper utilization of fly ash shall be ensured as per Fly Ash Notification, 1999 and subsequent amendment in 2003 and 2010. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding shall be submitted to the Ministry's Regional Office.	Not Applicable.
ix.	Risk and Disaster Management Plan along with the mitigation measures shall be prepared and a copy submitted to the Ministry's Regional Office, SPCB and CPCB within 3 months of issue of environment clearance letter.	Complied The Risk & Disaster Management Plan has been prepared and a copy is already submitted to the Ministry's Regional Office at Bhubaneswar vide letter no. - OMPL-KGP/BHU/ENV-COMPL-I/Dec_2015 dated 24.11.2015.
x.	As proposed, green belt shall be developed in 33 % of plant area. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.	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 (from 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 Annexure-VII.





xi. **At least 5 % of the total cost of the project shall be earmarked towards the Enterprise Social Commitment (ESC) based on local needs. The proponent shall prepare a detailed CSR Plan for every next 5 years for the existing-cum-expansion project, which includes village-wise, sector-wise (Health, Education, Sanitation, Health, Skill Development and infrastructure requirements such as strengthening of village roads, avenue plantation, etc) activities in consultation with the local communities and administration. The CSR Plan will include the amount of 2% retain annual profits as provided for in Clause 135 of the Companies Act, 2013 which provides for 2% of the average net profits of previous 3 years towards CSR activities for life of the project. A separate budget head shall be created and the annual capital and revenue expenditure on**

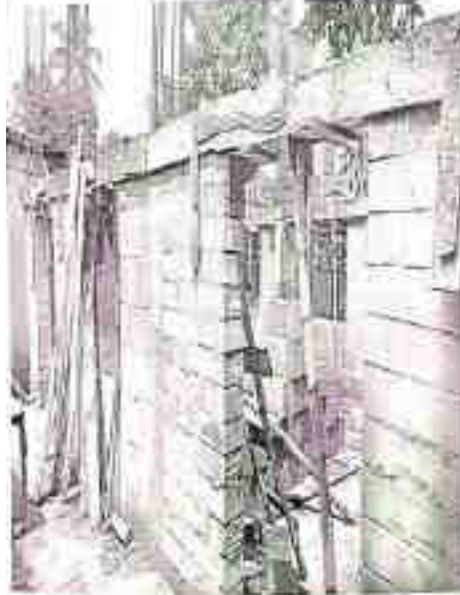
Being Complied

M/s Orissa Metaliks Private Limited has well-defined CSR/CER policy under which OMPL carries out social development and welfare measures in the surrounding villages.

In financial year 2022-23, OMPL company has spent Rs. 3, 20, 00,000 under the head of CSR/CER. The recent CSR/CER photograph are:



various activities of the Plan shall be submitted as part of the Compliance Report to RO, Bangalore. The details of the CSR Plan shall also be uploaded on the company website and shall also be provided in the Annual Report of the company.



xii. The project shall prepare a plan to properly discharge rainwater from the plant area so that water logging may be avoided in general and near DRI plants in particular and submitted with the 6 monthly compliance report.

Will be Complied

As stated earlier, project is still under constructional phase only 02 nos. pellet plants and 6 x 7500 Nm³/hr Producer Gas Plant are in operation. The conditions are considered in the design of the project. Along all internal road proper drainage system are constructed.

For properly discharging rainwater from the plant area so that water logging can be avoided, existing drains are connected with existing rain water harvesting pond of size approximately 30,000 m³ [02 Nos].


xiii. The concrete drains shall be de-silted and regular supervision of the areas shall be carried out so that blocking of drains may be avoided for quick discharge of rainwater.

Agreed

The management of OMPL-II have constructed drains along the internal road and is connected with 01 no guard/storm water collecting pond inside the plant premises.

COVERED DRAIN



		 <p>Regular cleaning of drain systems pre monsoon & post monsoon is done in order to avoid blockage of drains.</p>
xiv	The workers shall regularly use safety gadgets such as safety shoe, helmets, gloves (engaged in Rolling Mill and IF areas), safety goggles and heat resistance aprons.	<p>Being Complied</p> <p>The workers are using safety gadgets such as safety shoes, helmets, gloves, ear plug, mask, face shield inside the plant.</p>
xv.	Monitoring report on Ambient Air Quality, fugitive dust and noise levels inside the plant shall be submitted along with the six-monthly compliance reports.	<p>In compliance to this point this report is being submitted.</p> <p>Last latest compliance reports for the period April 2022 to September 2022 submitted vide letter no. - OMPL-KGP/ENV_COMP /Dec-2022 dated 26.11.2022.</p>
xvi	Environmental Management Cell shall be established immediately and shall be headed by a Senior Officer and the mandate of the Cell shall be defined for effective management of environment control measures. The project shall employ an Environmental officer who would be technically qualified to look after various pollution control measures.	<p>Complied</p> <p>A dedicated Environment Management Cell with qualified Experience personnel is there to handle and solve environmental issues and to make sure stipulated environmental norms & conditions are being complied.</p> <p>The hierarchy chart of the Environment Cell is well defined in Corporate Environmental Policy.</p>
xvi	The project shall develop its own website to upload compliance measure taken to reduce pollution and to ensure implementation of transparency with general public.	<p>Complied</p> <p>Orissa Metaliks Private Limited has a website and url is www.orissametaliks.com.</p> <p>Latest compliance reports are uploaded on website at URL http://orissametaliks.com/qehs.html on a regular basis.</p>
xvi	Company should develop an HSE Policy.	<p>Complied</p> <p>Company has a well-defined HSE Policy and system of the reporting of any infringements/ non-compliance of EC conditions to the Board of Directors is in place.</p>
xix	All the permanent workers should be covered under ESI Scheme.	<p>Complied</p> <p>All permanent workers are covered under ESI Scheme as per ESI Act.</p>
xx.	Safety awareness among the workers should be provided.	<p>Being Complied</p> <p>Safety awareness campaigns are being organised inside the plant premises for all units with the objective of demonstrating the use of PPEs in different work zone and explaining the benefit of using PPEs.</p> <p>Number of safety symbol/ slogans inside plant premise at suitable location</p>

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





	lubricating oil, compressed gases, paints and varnishes required during construction phase should be stored properly as per the regulations at isolated places.	Hazardous materials such as lubricating oil, compressed gases, paints, and varnishes required during construction phase are stored properly and disposed of as per Hazardous & Other Waste (Management & Transboundary Movement) Rules, 2016. The annual return (FORM-IV) for the financial year (2021-2022) in prescribed format submitted on Online Consent Management & Monitoring System portal to WBPCB vides Return no-2314953 dated 30.06.2022.
xxi	Accidental spillages of oil from construction equipment and storage sites should be prevented.	Noted
xxx	It should be ensured that diesel powered vehicles and construction machinery are properly maintained to minimize the exhaust emission as well as noise generation.	Being Complied Vehicles having valid PUC Certificates are allowed in plant premises to ensure that diesel powered vehicles and construction machinery are properly maintained to minimize the exhaust emission as well as noise generation.
xxx	Fire protection system for the proposed plant should comprise of an elaborate network of fire brigades, water reservoir, pumps, hydrants, Medium velocity spray system, fire engines, sprinkler system, fire alarms, smoke and heat detectors etc.	Being Complied Fire brigades, water reservoir, pumps, hydrants, medium velocity spray system are located at strategic points of the plant.
xxx	Portable fire extinguishers of various capacities containing agents such as CO₂, DCP etc. and should be located at strategic points of the plant.	Being Complied Portable fire extinguishers of various capacities containing agents such as CO ₂ , DCP etc. are located at strategic points of the plant.
xxx	In view of vulnerability to fire, effective preventive and design measures should be taken to minimise fire hazard.	Being Complied
xxx	There shall be a separate Fire Fighting Department for the proposed plant, which will be full-fledged comprising fire brigade, trained crew, fire fighting materials, dress and equipment.	Being Complied
xxx	Fire fighting Department will conduct mock drills at regular intervals to check the efficacy of fire fighting systems.	Being Complied
B. GENERAL CONDITIONS		
i.	The project authorities must strictly adhere to the stipulations made by the West Bengal Pollution Control Board and the State Government.	Being Complied Adequate measure has been taken by management of OMPL for pollution control and complying with all condition issues by Central Pollution Control Board and State Pollution Control Board. Reports of Monitoring and compliance are submitted to WBPCB on regular basis.
ii.	No further expansion or modifications in the plant shall be carried out without prior	Agreed In compliance to this point, management under clause 7(II) of EIA notification obtained expansion of existing pellet plant from No Increase In



	approval of the Ministry of Environment, Forest and Climate Change (MoEF&CC).	Pollution Load Committee, WBPCB vide memo no-264-2 N-29/2019 (E)-PT dated 23.09.2020, memo no.131-2N-29/2019(E)-Pt.II dated 16.03.2022.																		
iii.	At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM₁₀, PM_{2.5}, SO₂ and NO_x 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 As stated in point no-i , 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.																		
iv.	Industrial wastewater shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May 1993 and 31st December, 1993 or as amended form time to time. The treated wastewater shall be utilized for plantation purpose.	Being Complied The Plant has been designed on "Zero" discharge concept and it is ensured by top level management that no water is discharged outside the plant premises. Water in pellet plant is used for cooling purpose and phenolic water is used for green ball making and in ABC of DRI Kiln of OMPL, Unit-I. Domestic waste water is treated in STP of adequate capacity.																		
v.	The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (night-time).	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. Also ambient & point source noise analysis for plant is being carried by NABL/MoEF accredited lab on regular basis. Noise level have been monitored at four locations viz. Plant Main Gate, Dhekia Village, Railway Siding & 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: <table border="1" data-bbox="678 1428 1453 1579"> <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> The Ambient & Work Zone Noise quality monitoring reports are enclosed as Annexure - IX.	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
Parameter	Near Plant Main Gate	Dhekia Village		Railway Siding	Near Pellet Plant Area															
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Leq (dBA)	57.5	53.1	58.4-71.2	44.9-73.7																
vi.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Being Complied As stated in point no- xxii , Occupational health surveillance of the workers will be accessed and records will be maintained as per the Factories Act 1948. Company is ISO 45001:2018 certified.																		
vii.	The company shall develop rain water harvesting structures to harvest the rain water for utilization in the lean	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.																		



	season besides recharging the ground water table.																													
viii.	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report. Further, the company must undertake socio-economic development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc.	<p>Being Complied</p> <p>The management of OMPL are in process of complying all the commitments and recommendations made in the EIA/EMP report, undertaking socio-economic development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc. under CSR head.</p> <p>The CSR details are discussed in point no-xi.</p>																												
ix.	Requisite funds shall be earmarked towards capital cost and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change (MoEF&CC) as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional Office of the Ministry at Bhubaneswar. The funds so provided shall not be diverted for any other purpose.	<p>Being Complied</p> <p>An amount of Rs. 21.0 crores and Rs.2.96 crores has been earmarked towards capital cost and annual recurring cost for implementing the environmental protection measures.</p> <table border="1"> <thead> <tr> <th colspan="4">Recurring Cost Incurred on Environmental Safeguard for OMPL-II plant</th> </tr> <tr> <th>Year</th> <th>Particulars</th> <th>Narration</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td rowspan="5">2022-2023 (Oct. to March)</td> <td>Green Belt Development</td> <td>Maintenance, labour cost, etc.</td> <td>6,72,000.00</td> </tr> <tr> <td>House Keeping & Solid/H.Z Waste Management System</td> <td>Labour charges, Drainage Cleaning and other materials</td> <td>3,15,000.00</td> </tr> <tr> <td>Analysis & Monitoring of Environmental Parameters</td> <td>Stack, Fugitive, Ambient, Water etc. Monitoring & Analysis, In-house Analysis</td> <td>2,05,000.00</td> </tr> <tr> <td>O.H. Management & Safety Plan</td> <td>Occupational Health Management, Risk Mitigation & Safety Plan</td> <td>1,55,000.00</td> </tr> <tr> <td>O & M on A.P.C Devices</td> <td>Operation & Maintenance cost, Electricity consumption etc. on A.P.C Device installed.</td> <td>1,15,00,000.00</td> </tr> <tr> <td colspan="3">TOTAL</td> <td>1,28,47,000.00</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.	6,72,000.00	House Keeping & Solid/H.Z Waste Management System	Labour charges, Drainage Cleaning and other materials	3,15,000.00	Analysis & Monitoring of Environmental Parameters	Stack, Fugitive, Ambient, Water etc. Monitoring & Analysis, In-house Analysis	2,05,000.00	O.H. Management & Safety Plan	Occupational Health Management, Risk Mitigation & Safety Plan	1,55,000.00	O & M on A.P.C Devices	Operation & Maintenance cost, Electricity consumption etc. on A.P.C Device installed.	1,15,00,000.00	TOTAL			1,28,47,000.00
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	O & M on A.P.C Devices	Operation & Maintenance cost, Electricity consumption etc. on A.P.C Device installed.	1,15,00,000.00																											
TOTAL			1,28,47,000.00																											
x.	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.	<p>Complied</p> <p>Copies of EC have been submitted to local bodies, Panchayat and Municipal bodies and also uploaded on the website of the company http://orissametaliks.com/qehs.html</p> 																												

<p>xi. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEF&CC at Bhubaneswar. The respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM₁₀, SO₂ and NO_x (ambient levels as well as stack emissions) or critical sectorial parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.</p>		<p style="text-align: center;">Being Compiled</p> <p>Compliance reports and monitoring results are being uploaded on the company website www.orissametaliks.com on regular basis.</p> <p>Regular reports of Monitoring and compliance are submitted to the State Level Environment Impact Assessment Authority, West Bengal & WBPCB regularly. The details of submission are enclosed here with:</p> <table border="1" data-bbox="685 430 1446 919"> <thead> <tr> <th>Sr. No</th> <th>Year</th> <th>Period Up To</th> <th>Submission Date</th> </tr> </thead> <tbody> <tr> <td rowspan="2">1</td> <td rowspan="2">2016-2017</td> <td>1st Dec 2016</td> <td>09.11.2016</td> </tr> <tr> <td>1st June 2017</td> <td>17.05.2017</td> </tr> <tr> <td rowspan="2">2</td> <td rowspan="2">2017-2018</td> <td>1st Dec 2017</td> <td>20.11.2017</td> </tr> <tr> <td>1st June 2018</td> <td>22.05.2018</td> </tr> <tr> <td rowspan="2">3</td> <td rowspan="2">2018-2019</td> <td>1st Dec 2018</td> <td>28.11.2018</td> </tr> <tr> <td>1st June 2019</td> <td>24.05.2019</td> </tr> <tr> <td rowspan="2">4</td> <td rowspan="2">2019-2020</td> <td>1st December</td> <td>14.11.2019</td> </tr> <tr> <td>1st June 2020</td> <td>29.05.2020</td> </tr> <tr> <td rowspan="2">5</td> <td rowspan="2">2020-2021</td> <td>1st December</td> <td>01.12.2020</td> </tr> <tr> <td>1st June, 2021</td> <td>28.05.2021</td> </tr> <tr> <td rowspan="2">6</td> <td rowspan="2">2021-2022</td> <td>1st Dec 2021</td> <td>01.12.2021</td> </tr> <tr> <td>1st June, 2022</td> <td>26.05.2022</td> </tr> <tr> <td rowspan="2">7</td> <td rowspan="2">2022-2023</td> <td>1st Dec 2022</td> <td>21.11.2022</td> </tr> <tr> <td>1st June, 2023</td> <td>---</td> </tr> </tbody> </table> <p>Emission levels of pollutants of different units is displayed on board as per CPCB format issued vide File no-B-29016 NGT/C-10/2020/ WM II/Div./ Dated 20th January 2020 outside the main gate of the plant for disclosure to the public and also uploaded on the website of the company http://orissametaliks.com/qehs.html.</p> <p>Electronic display board is installed at plant main gate and online stack emission data a CAAQMS data is also being displayed.</p> <div data-bbox="646 1171 1487 1774" style="text-align: center;">  <p>DIGITAL DISPLAY BOARD</p> </div>	Sr. No	Year	Period Up To	Submission Date	1	2016-2017	1 st Dec 2016	09.11.2016	1 st June 2017	17.05.2017	2	2017-2018	1 st Dec 2017	20.11.2017	1 st June 2018	22.05.2018	3	2018-2019	1 st Dec 2018	28.11.2018	1 st June 2019	24.05.2019	4	2019-2020	1 st December	14.11.2019	1 st June 2020	29.05.2020	5	2020-2021	1 st December	01.12.2020	1 st June, 2021	28.05.2021	6	2021-2022	1 st Dec 2021	01.12.2021	1 st June, 2022	26.05.2022	7	2022-2023	1 st Dec 2022	21.11.2022	1 st June, 2023	---
Sr. No	Year	Period Up To	Submission Date																																													
1	2016-2017	1 st Dec 2016	09.11.2016																																													
		1 st June 2017	17.05.2017																																													
2	2017-2018	1 st Dec 2017	20.11.2017																																													
		1 st June 2018	22.05.2018																																													
3	2018-2019	1 st Dec 2018	28.11.2018																																													
		1 st June 2019	24.05.2019																																													
4	2019-2020	1 st December	14.11.2019																																													
		1 st June 2020	29.05.2020																																													
5	2020-2021	1 st December	01.12.2020																																													
		1 st June, 2021	28.05.2021																																													
6	2021-2022	1 st Dec 2021	01.12.2021																																													
		1 st June, 2022	26.05.2022																																													
7	2022-2023	1 st Dec 2022	21.11.2022																																													
		1 st June, 2023	---																																													
<p>xii. The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored</p>		<p style="text-align: center;">Being Compiled</p> <p>This report is being submitted as compliance to this point.</p> <p>The last compliance reports for the period April, 2022 to September 2022 submitted vide letter no. - OMPL-KGP/ENV COMP / Dec_2022 dated</p>																																														



	data (both in hard copies as well as by e-mail) to the Regional Office of MOEF&CC, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Bhubaneswar/ CPCB/ SPCB shall monitor the stipulated conditions.	21.11.2022.
xiii.	The environmental statement for each financial year ending 31 st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Office of the MOEF&CC at Bhubaneswar by e-mail.	Being Compiled Environmental Statement for financial year 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 http://orissametaliks.com/qehs.html
xiv.	The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at Website of the Ministry of Environment, Forest and Climate Change (MoEF&CC) at http://envfor.nic.in . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional office at Bhubaneswar.	Complied Advertisement for environment clearance transfer, in two local newspapers that are widely circulated in the region are: <ul style="list-style-type: none">❖ "Aajkal" (Bengali) dated 17.03.2015 and❖ "Business Standard" (English) dated 17.03.2015 that are widely circulated in the region.
xv.	Project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land	Noted Company is a private company and no finance is needed from outside.



	development work.	
xvi.	The Ministry may revoke or suspend the clearance, if implementation of any of the above condition is not satisfactory.	Noted
xvii	The Ministry reserves the right to stipulate additional conditions if found necessary. The company in a time bound manner shall implement these conditions.	Agreed
xvii	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and Rules.	Agreed
F. No. IA3-22/8/2021-IA.III [E 150512] dated 18.07.2022		
I)	Sensitization of project proponents on implementation of ban on Single Use Plastic (SUP).	In order to create awareness among the employees about the harm/ impact of Single Use Plastic on environment , banner and flex are displayed at suitable place like work place, canteen, parking area etc.



ANNEXURE-I



WEST BENGAL POLLUTION CONTROL BOARD
 HALDIA REGIONAL LABORATORY
 Baglumachok, PO Dargahiga, PS- Bahampur, Haldia
 Purba Medinipur-721657

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

1. Name of Industry		M/s Gupta Metals Pvt. Ltd.(Unit-II)	
2. Address		VII-B VII- Kiskalpur Po- Shyamraipur, PS- Khatagpur(Locul) Dist-Paschim Medinipur	
3. Category & Type		Red. Pellet Plant	
4. Sampling Date		17/01/2023	
5. Duration of Sampling		39 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 ²)		7.0714	
9. Stack connected to		Pellet Pre Heater-IV	
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)		1100 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 ³ /hr	
17. Nature of Furnace /Boiler		Pellet Pre Heater	
18. Flue gas Temp. (°C)		103.5	
19. Flue gas velocity m/s	15.76	20. Volume of Flue gas drawn in lit (m ³)	1.014
21. Corrected flue gas volume (Nm ³)	0.9595	22. Percentage CO ₂ & O ₂	CO ₂ -8.0% & O ₂ -10.4%
23. To be compensated at (% if required)		-	
24. Initial wt of thimble (gm)	1.5616	25. Final wt of thimble (gm)	1.5793
26. Wt. of PM (mg)	17.70	27. Particulate matter (mg/Nm ³)	18.45
28. Barometric Pressure Head	754 mm of Hg	29. Diameter of the nozzle	6.33 mm
30. Others:-		31. Thimble No.	248
32. Sampled by:		N C Bara, AEE, HRO	

*Done by M/s Envirocheck

Scientist
 08/02/23

In-Charge
 18/02/23
 Signature of In-Charge

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
Raghunathchak, P.O. Barghunipur, P.S. Bhawanipur, 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.(I/III-II)		
2. Address	NH-6 Vill- Gokulpur Po- Shyamnagar, PS- Kharsaga(I.ocal) Dist-Paschim Medinipur		
3. Category & Type	Red, Pellet Plant		
4. Sampling Date	17/01/2023		
5. Duration of Sampling	32 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 ²)	7.0714		
9. Stack connected to	Pellet Pre Heater-V		
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)	3300 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 ³ /hr		
17. Nature of Furnace /Boiler	Pellet Pre Heater		
18. Flue gas Temp. (°C)	85.30		
19. Flue gas velocity m/s	19.75	20. Volume of Flue gas drawn in ltr (m ³)	1.024
21. Corrected flue gas volume (Nm ³)	0.9722	22. Percentage CO ₂ & O ₂	CO ₂ -8.4% & O ₂ -10.4%
23. To be compensated in (% if required)	-		
24. Initial wt of thimble (gm)	1.5378	25. Final wt of thimble (gm)	1.5557
26. Wt. of PM (mg)	17.90	27. Particulate matter (mg/Nm ³)	18.41
28. Barometric Pressure Head	754 mm of Hg	29. Diameter of the nozzle	6.35 mm
30. Others:-		31. Thimble No.	251
32. Sampled by:	N C Baroi, AEE, HRO		

*Done by M/s Envirocheck

Signature
08/02/23
Scientist

Signature
08/02/23
Signature of In-Charge

Copy to:

1. Chief Engineer, O & E, WBPCB,
2. Chief Scientist, WBPCB

1. AEE & UC, H.R.O., WBPCB (two copies)



WEST BENGAL POLLUTION CONTROL BOARD
MALDA REGIONAL LABORATORY
Rajmahalchok, P.O. Bargasagar, P.S. Bahadrapur, Malda
Phone Malda pin- 711627

Analysis Report of Gaseous Emission

Analysis Done at Malda Regional Laboratory :

1. Name of Industry	M/A Ormai Metals Pvt. Ltd(Loss-II)		
2. Address	VII- Gokulpur, PO- Shyamsaini, Dangga Dist- Paschim Medinipur,		
3. Category & Type	Red Pellet Plant		
4. Sampling Date	19/10/2022		
5. Duration of Sampling	39 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 ²)	7.665		
9. Stack connected to	Pellet Pre Heater No.04		
10. Emission 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. Rated Fuel consumption (Kg or l/hr)	-		
16. Working Fuel consumption (Kg or l/hr)	coal - 2.0 MTPH & producer gas - 3000 m ³ /hr		
17. Nature of Furnace/Boiler	Pellet Pre Heater		
18. Flue gas Temp. (°C)	101.07		
19. Flue gas velocity m/s	16.56	20. Volume of Flue gas drawn in lit (m ³)	1.014
21. Corrected flue gas volume (Nm ³)	0.9334	21. Percentage CO ₂ & O ₂	CO ₂ -8.6% O ₂ -10.2%
22. To be compensated in (%), if required)	-		
24. Wet wt of sample (gm)	1.5188	25. Final wt of sample (gm)	1.5279
26. WL of PSE (µ)	18.80	27. Periodate colour (µg/Nm ³)	20.14
28. Barometric Pressure (Hsd)	756 mm of Hg	29. Diameter of the nozzle	6.35 mm
30. Glass - mg/Nm ³		31. Thimble No.	80
32. Sampled by:	Kumbho, AEE, HRO		

*Done by M/s Envirocheck

[Signature]
Scientist 10/10/22

[Signature]
19/10/22
In-charge

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



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

Analysis Report of Gaseous Emission

Analysis Done at Haldia Regional Laboratory :

1. Name of Industry	Mrs Orissa Metals Pvt. Ltd (Unit-10)		
2. Address	VIII- Gokulpur, PO- Shekmesipar, Changaner Dist- Paschim Medinipur.		
3. Category & Type	Red Pellet Plant		
4. Sampling Date	19/10/2022		
5. Duration of Sampling	32 min		
6. Name of Laboratory	M/s Environment		
7. Height of Stack from ground (m)	50.0		
8. Cross section of Stack at sampling point(m ²)	7.065		
9. Stack connected to	Pellet Pre Heater No 03		
10. Emission due to (Furnace/Bioher)	Combustion of coal & producer gas		
11. Average operational hours of boiler/ furnace (per month)	220 Hours/month		
12. APV System (if any)	ESP		
13. Working load of source (t/d/hr)	2500 TPD		
14. Fuel used	coal & producer gas		
15. Rated Fuel consumption (kg or l/hr)	-		
16. Working Fuel consumption (kg or l/hr)	coal - 2.8 MTPH & producer gas- 3000 m ³ /hr		
17. Nature of Furnace (Boiler)	Pellet Pre Heater		
18. Flue gas Temp. (°C)	105.0		
19. Flue gas velocity (m/s)	20.02	20. Volume of Flue gas drawn in lit (m ³)	1.824
21. Corrected flue gas volume (Nm ³)	0.9495	22. Percentage CO ₂ & O ₂	CO ₂ -8.8%, O ₂ -10.2%
23. To be compensated or (% if required)	-		
24. Initial wt of thimble (gm)	1.5733	25. Final wt of thimble (gm)	1.5891
26. Wt. of PM (g)	16.00	27. Particulate matter (mg/Nm ³)	16.81
28. Barometric Pressure: Head	756 mm of Hg	29. Diameter of the nozzle	6.75 mm
30. Orifice - mg/hr		31. Thimble No.	47
32. Sampled by:	K. Saha, AEE, HRO		

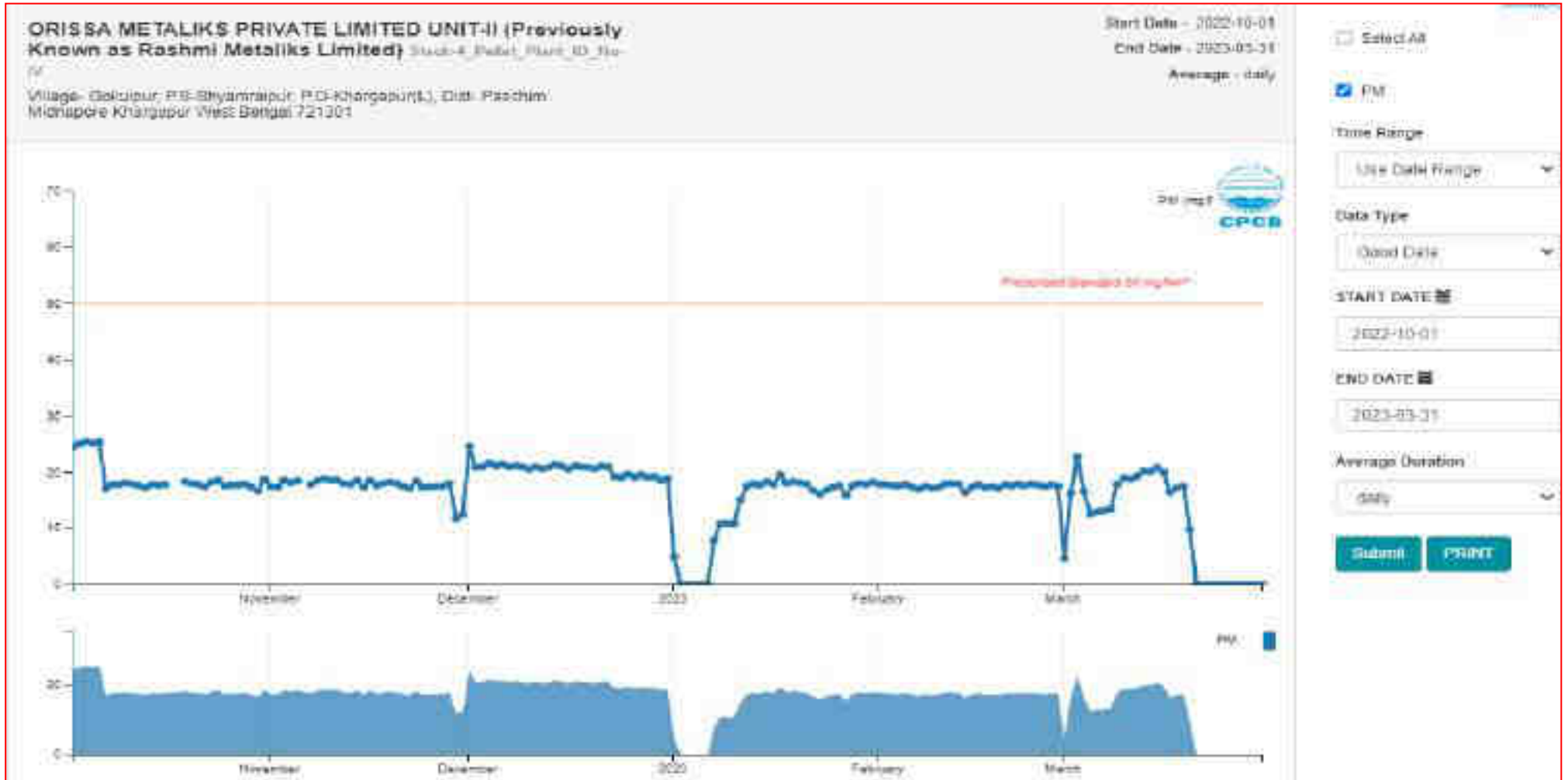
*Done by M/s Environment

[Signature]
Scientist 10/11/22

[Signature]
Signature of In-Charge

Copy to: 1. Chief Engineer, O & C, WBPCB
2. Chief Scientist, WBPCB
3. AEE & DC, H.R.O., WBPCB (own copies)

OCEMS



OCEMS

ORISSA METALIKS PRIVATE LIMITED UNIT-II (Previously Known as Rashmi Metaliks Limited) 00002051_Clan 8_Patel_Plan_ID_V

Village: Gokulpur, P.S. Shyamnagar, P.O. Khatagaula, Dist. Paschim Medinipur (West Bengal) 721001

Start Date - 2022-10-01

End Date - 2023-02-28

Average - daily

Close

Select All

PM

Time Range

Use Data Range

Data Type

Open Date

START DATE

2022-10-01

END DATE

2023-02-28

Average Duration

daily

Submit

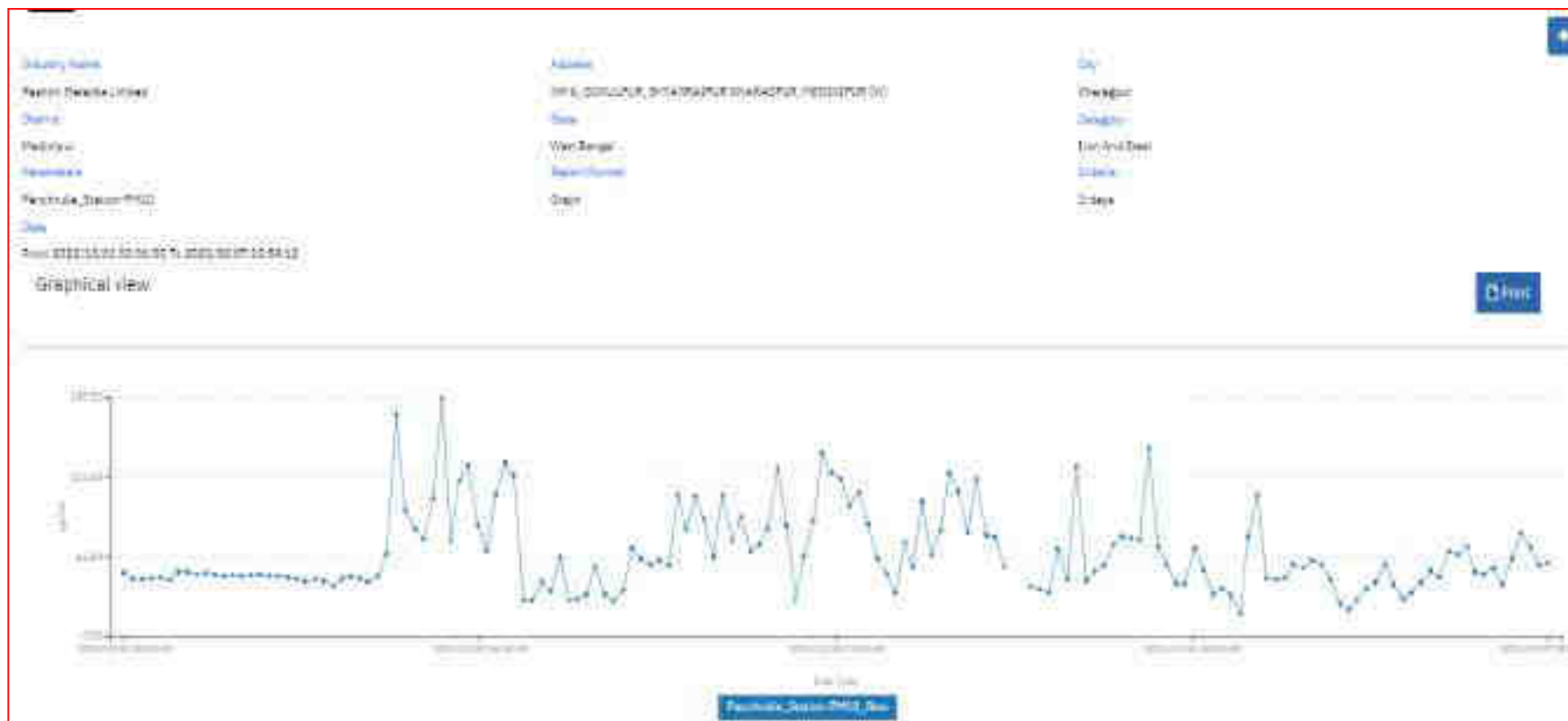
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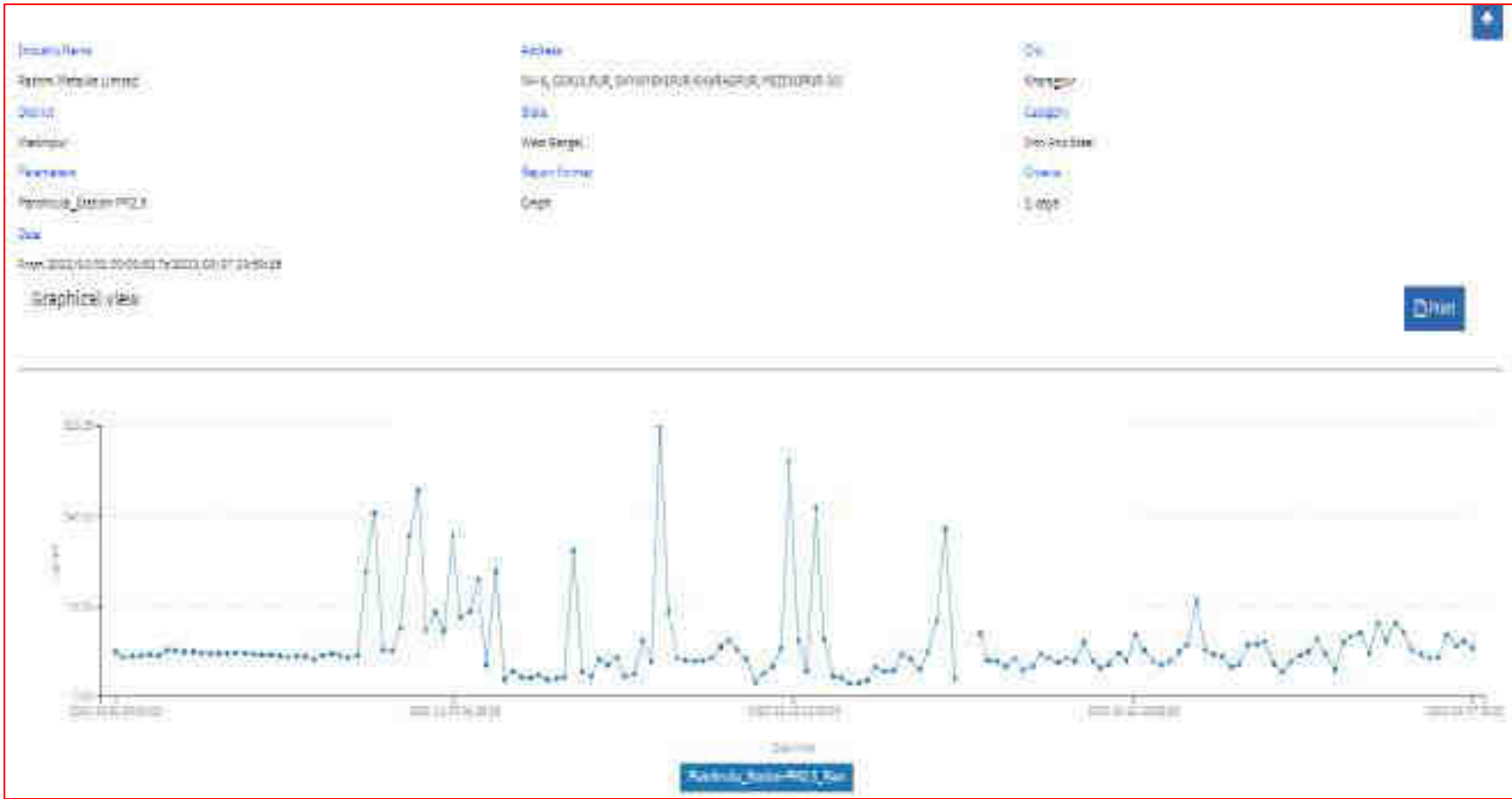
CONTINUOUS AMBIENT AIR QUALITY STATION DATA (OCTOBER 2022 TO MARCH 2023)

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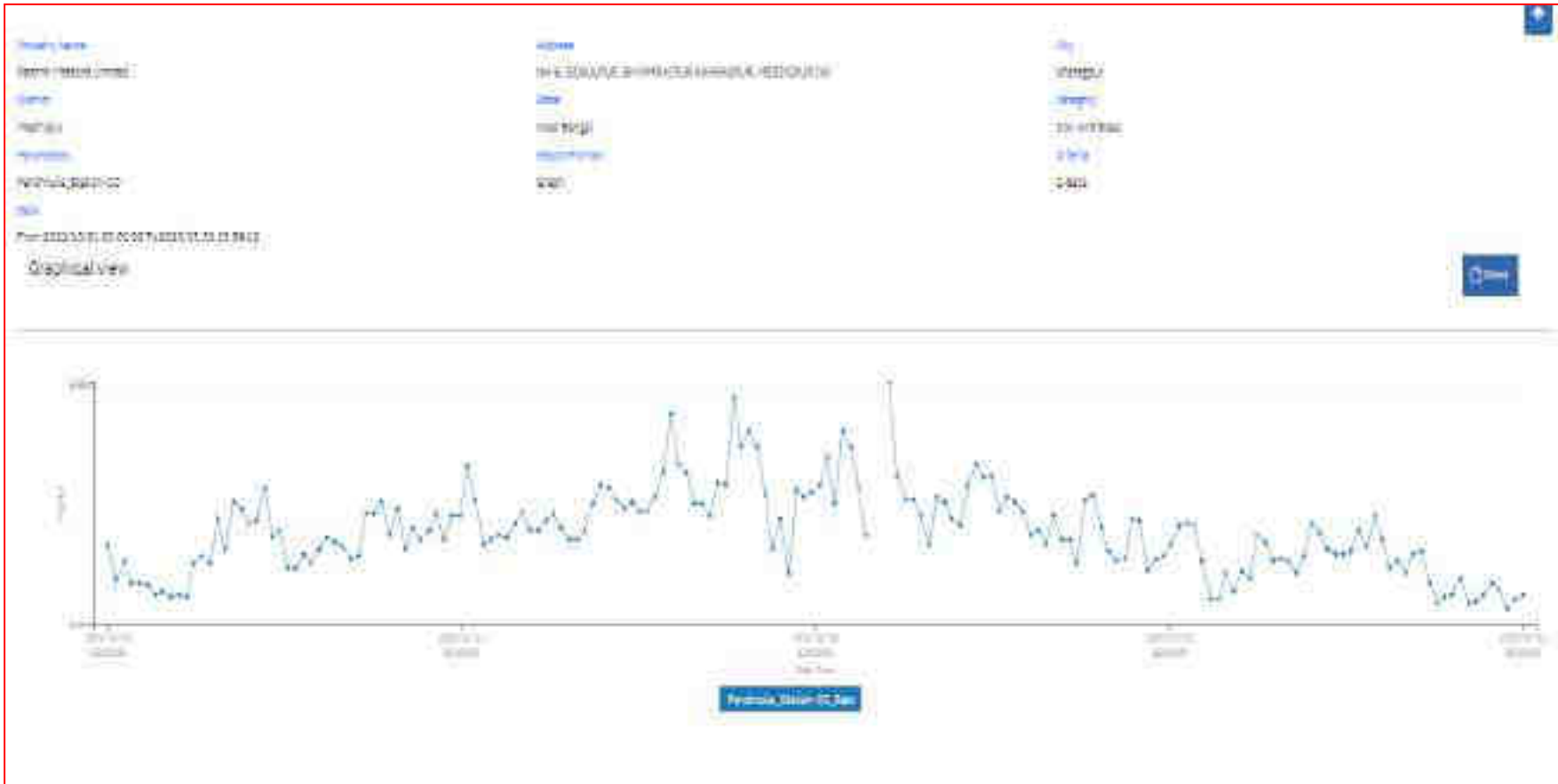
ANNEXURE-III



PARAMETER-PM₁₀



PARAMETER-PM_{2.5}



PARAMETER-CO

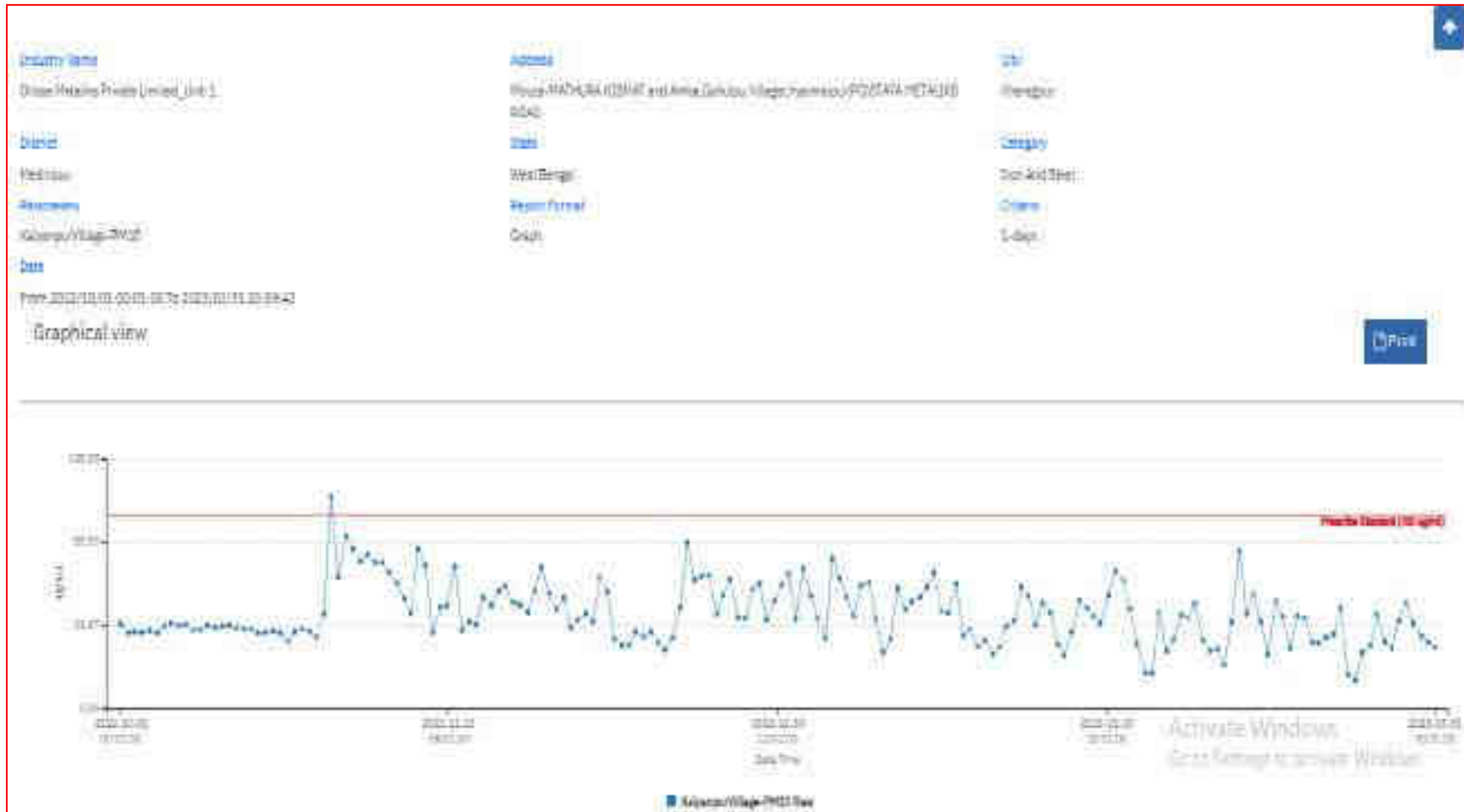


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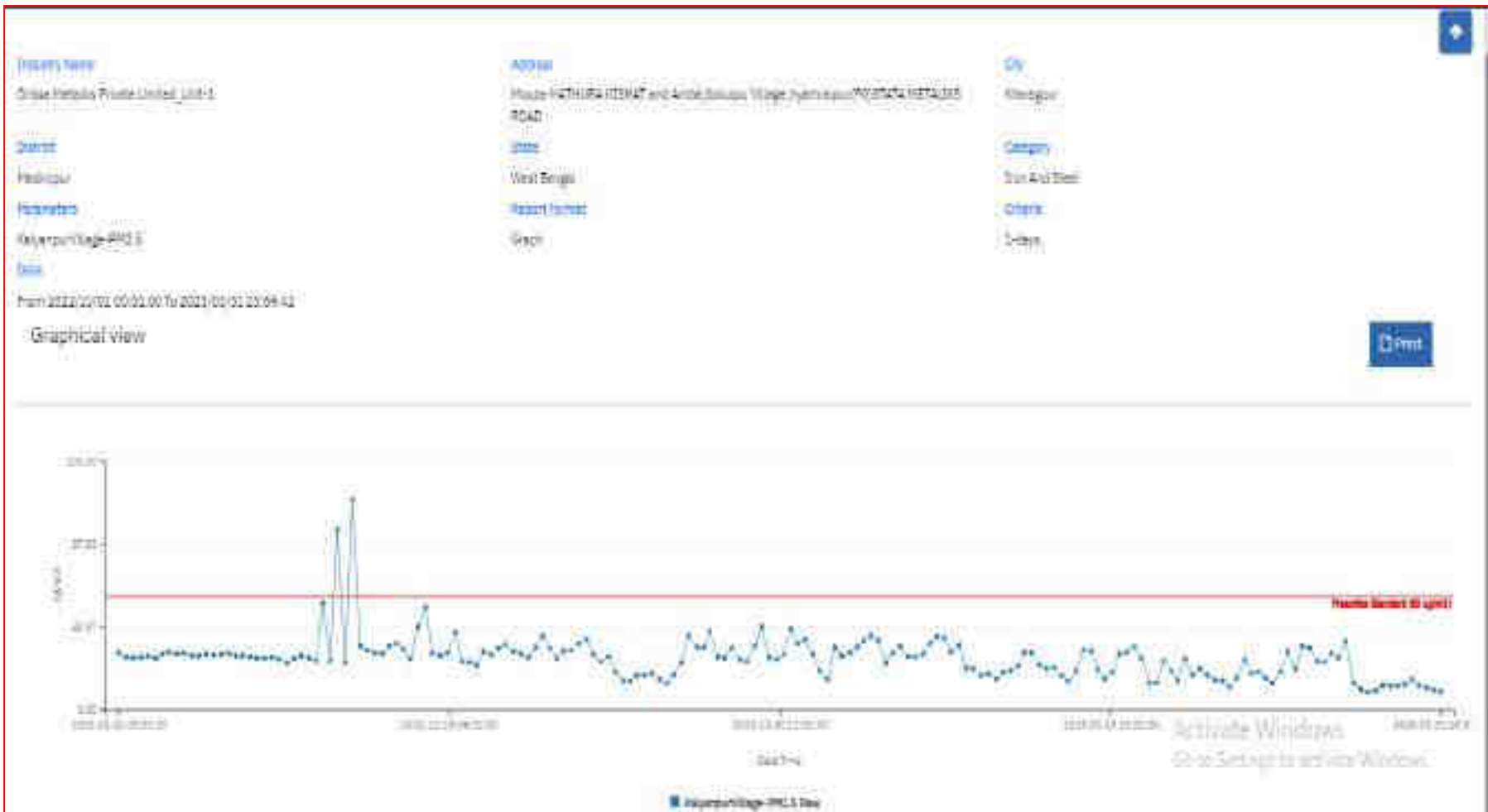


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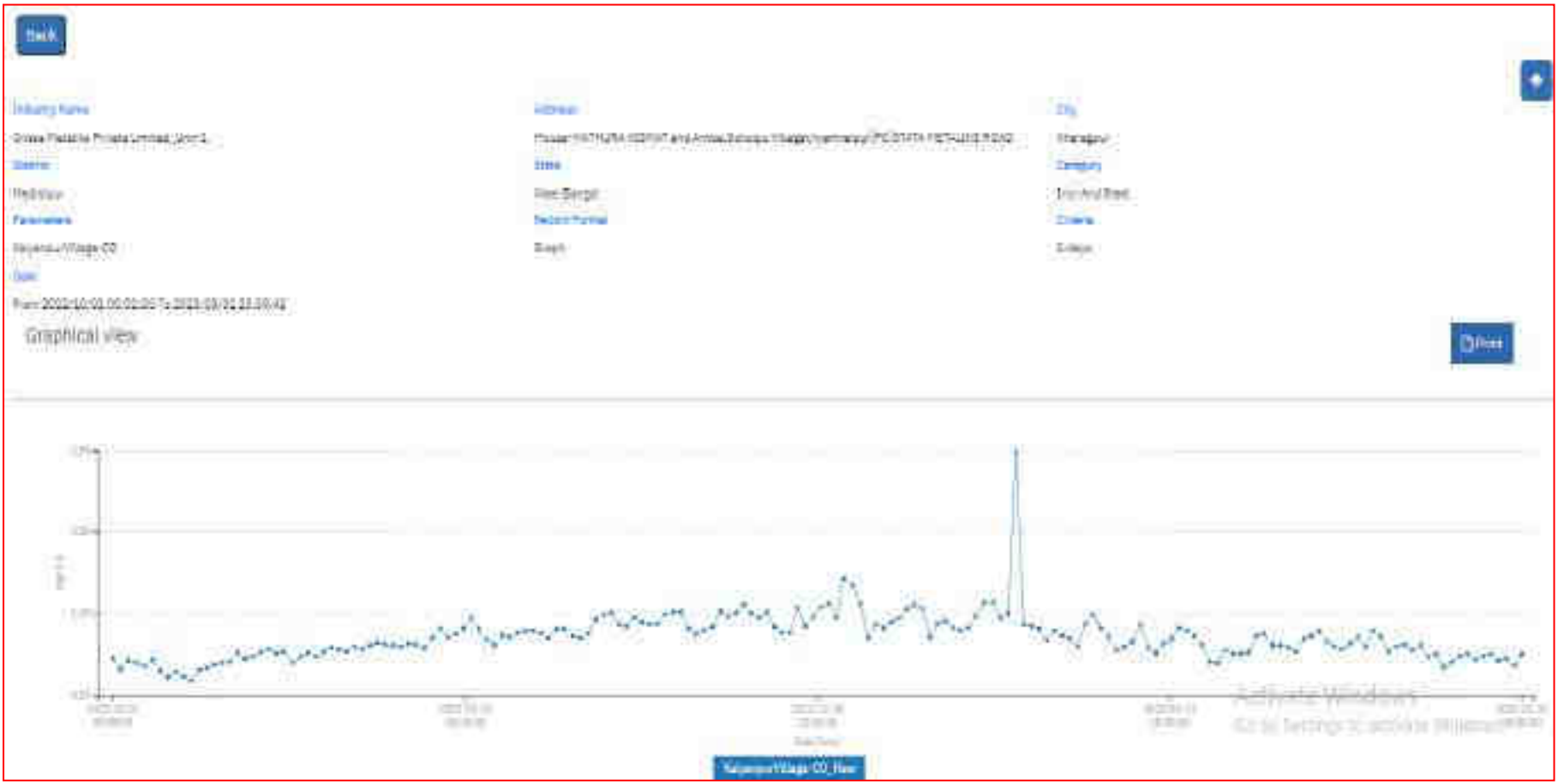
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PARAMETER-PM₁₀



PARAMETER-PM_{2.5}



PARAMETER-CO

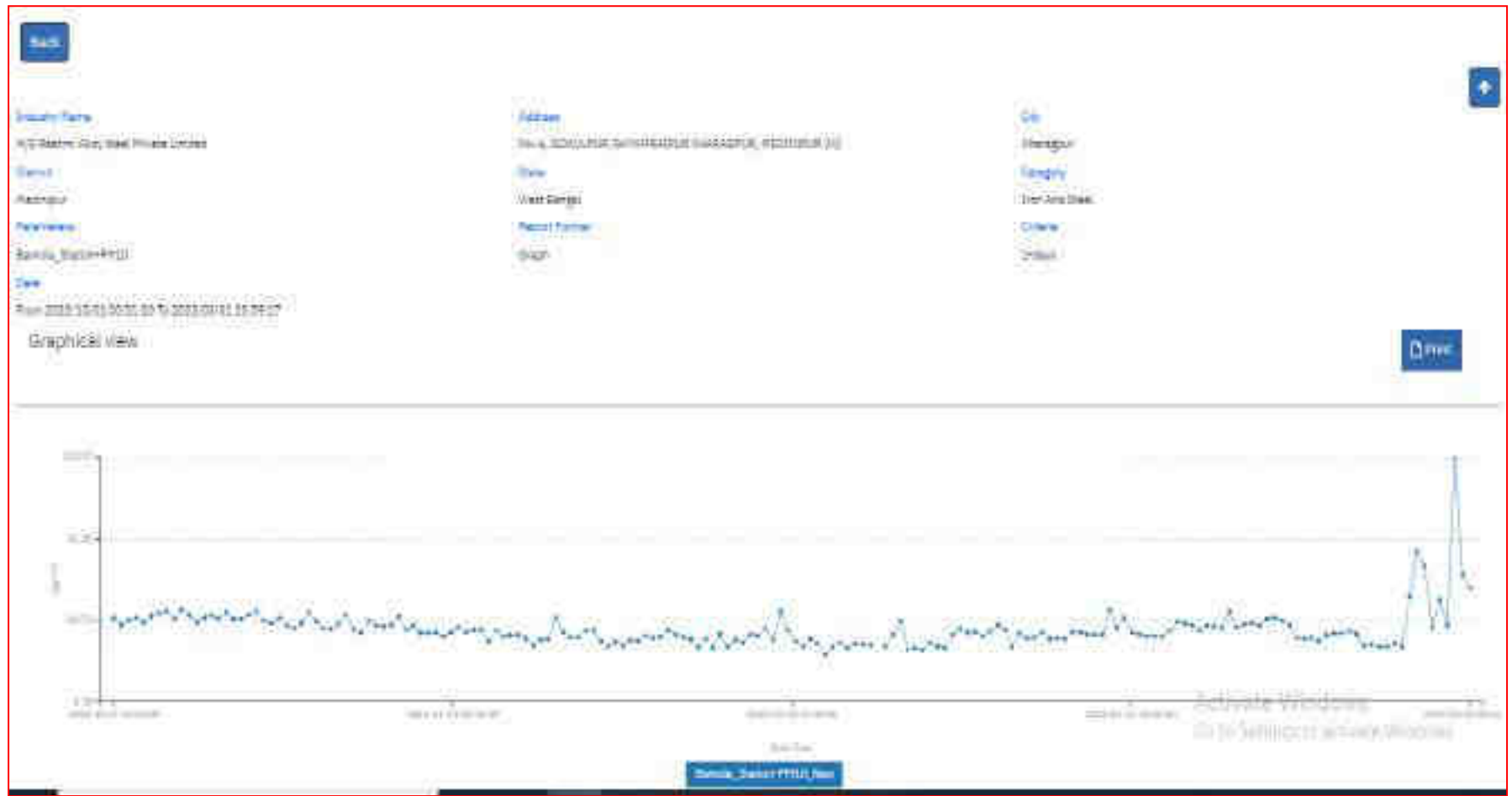


PARAMETER-NOx



PARAMETER-SO2

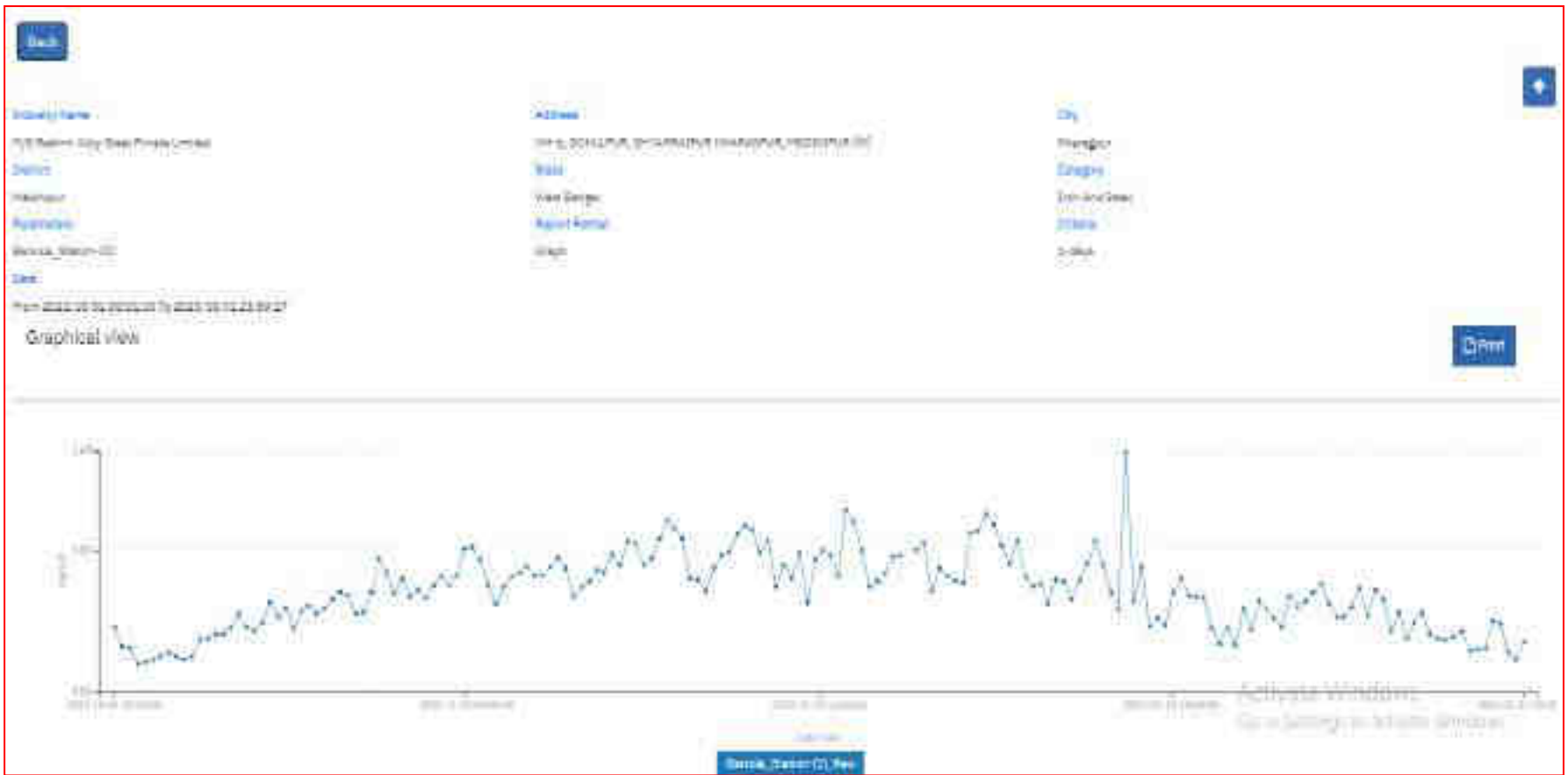
STATION : BARKOLA



PARAMETER-PM₁₀



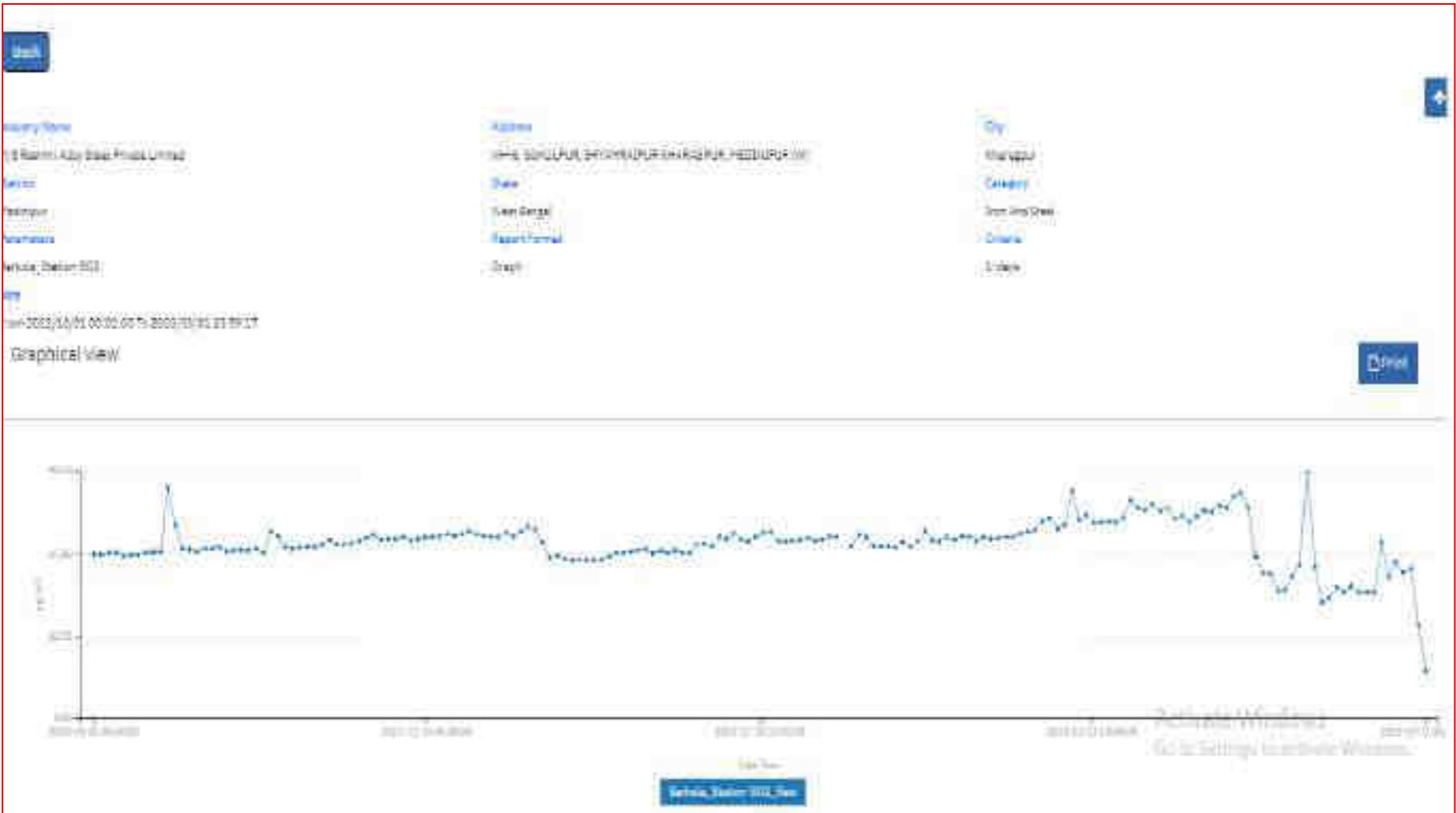
PARAMETER-PM_{2.5}



PARAMETER-CO



PARAMETER-NOx



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 2020/12/29 23:59:59

Address

W- Goluguri,PG-Dharmapuri,PS Khargpur (U) Dist Paschim Medinipur Dist
751105

State

West Bengal

Region Name

Urban

City

Khargpur

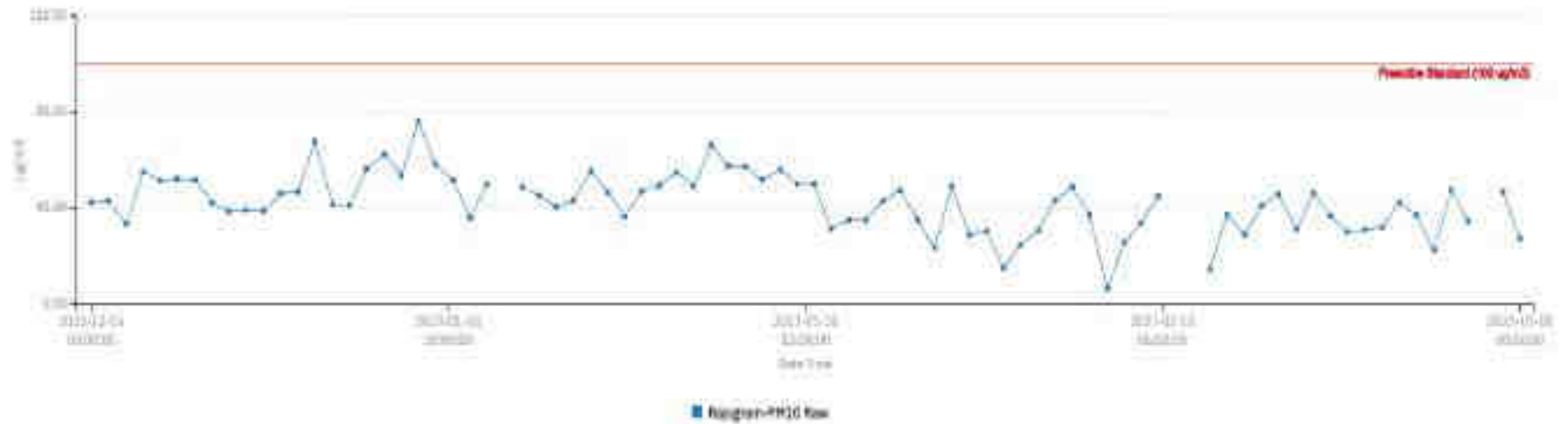
Category

Urban And Rural

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

Parameters

Parameter-PM2.5

Report Format

Graph

Criteria

1-day

Date

From 2022/12/15 00:00:00 To 2023/01/04 23:59:58

Graphical view



Parameter- PM2.5

Industry Name

Orissa Hvy Steel Pvt Ltd

Address

vill- Sekulac PO- Dhenwadpur PS- Khurapur (3) Dist- Bhubaneswar Pin- 751011,

City

Khurapur

District

Khurapur

State

West Bengal

Category

Iron And Steel

Parameter

Reagan-SO2

Report Format

Graph

Circle

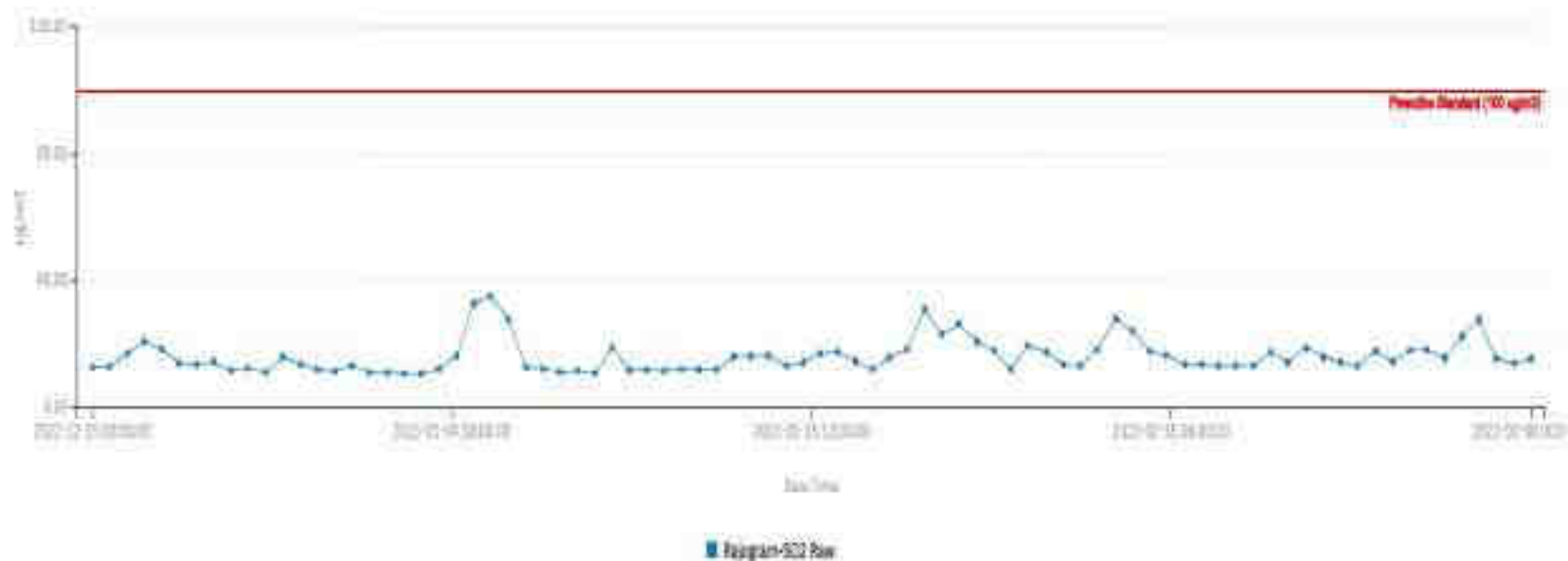
1-day

Date

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

Graphical view

Print



Parameter- SO2

Industry Name

Grupa Alcoa Steel Pvt Ltd

Address

W1-Delkrapu-PO-Srangipura-PO-Klangan LI Dist-Paschim Medani Po-12210T

City

Klangan

District

Pasiripura

State

West Bengal

Category

Iron And Steel

Parameter

Regan-NOx

Report Format

Graph

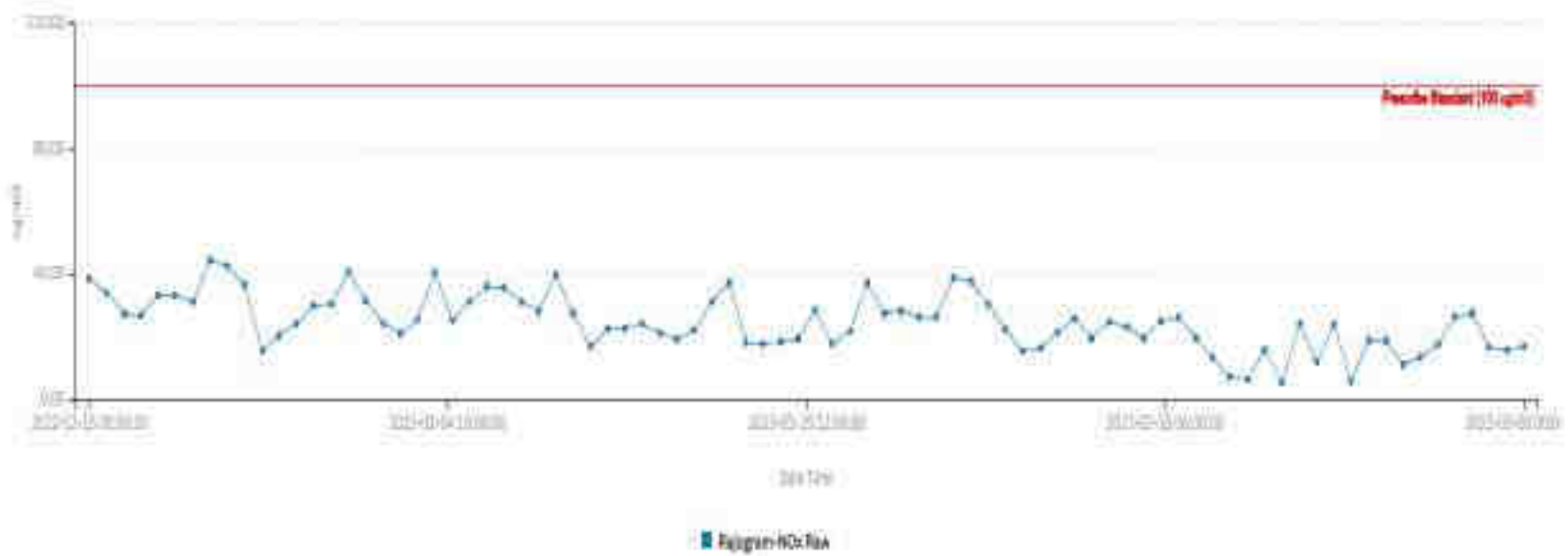
Units

1-ann

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 Kharsiga & D/o Padim Madhau Fir...
731 313

City

Wardha

District

Medhapur

Date

Wed 8 Aug

Category

Iron And Steel

Parameters

Naipgram CO

Input Format

Graph

View

1-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

Name & Address Of the Customer : 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 ³	79	100	IS: 5182 (Part-23)-(RA-2017)
2	Particulate matter (<2.5µm) in µg/m ³	47	60	USEPA CFR-40,Part-50, Appendix-L
3	Sulphur dioxide (SO ₂) in µg/m ³	7.2	80	IS: 5182 (Part-2)-2001; (RA-2017)
4	Nitrogen dioxide (NO ₂) in µg/m ³	28.2	80	IS: 5182 (Part- 6)- (RA-2017)
5	Carbon Monoxide (CO) in µg/m ³	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. Saha

for Qualissure Laboratory Services

Reviewed & 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.



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

TEST REPORT

Name & Address Of the Customer :	Report No. : QLS/P-31/23-24/C/02
	Date : 05.05.2023
M/s. Orissa Metaliks Pvt. Ltd.(Unit-II)	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 ³	73	100	IS: 5182 (Part-23)-(RA-2017)
2	Particulate matter (<2.5µm) in µg/m ³	34	60	USEPA CFR-40,Part-50, Appendix-L
3	Sulphur dioxide (SO ₂) in µg/m ³	7.8	80	IS: 5182 (Part-2)-2001, (RA-2017)
4	Nitrogen dioxide (NO ₂) in µg/m ³	25.6	80	IS: 5182 (Part- 6)-(RA-2017)
5	Carbon Monoxide (CO) in µg/m ³	675	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:

Baker

for Qualissure Laboratory Services
Reviewed & Authorized By

Baker

Benimadhab Goral, Chemist
(Authorized Signatory)

—End of the Report—



TEST REPORT

Nama & Address Of the Customer : 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—

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- 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.



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

TEST REPORT

Name & Address Of the Customer : 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 ^o C	APHA 23 rd 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 rd Edition-2017, 2540 D	24	100	600
3.	Chemical Oxygen Demand (as COD) mg/l	APHA 23 rd 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 rd 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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DOC NO : QLS/SAMP/08-D/00

TEST REPORT

Name & Address Of the Customer : 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-31/22-23/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 rd 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 rd Edition-2017, 2540 D	62	100	600
3.	Chemical Oxygen Demand (as COD) mg/l	APHA 23 rd 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 rd 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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Qualissure Laboratory Services



TC-6271

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

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

TEST REPORT

Name & Address Of the Customer :	ULR No.	: TC627123000000580F
	Report No.	: QLS/P-31/22-23/C/11
M/s. Orissa Metaliks Pvt. Ltd.(Unit-II)	Date	: 06.05.2023
	Sample No.	: QLS/P-31/22-23/11
Mouza-Dekla&Chaksonadhar,	Sample Description	: Ground Water
	Sample Mark	: Tap of Iron Ore Beneficiation Area
Kharagpur, Paschim Midnapur-721301.	Sample Drawn On	: 21.03.2023
	Date of performance	: 22.03.2023-27.03.2023
West Bengal.	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 ₃ 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 ₃) in mg/l	IS 3025 (Part 34): 1988 (RA 2014)	45	No Relaxation	1.21
17.	Sulphate (as SO ₄) in mg/l	IS 3025 (Part 24): 1986 (RA 2014)	200	400	32.4
18.	Alkalinity(as CaCO ₃) in mg/l	IS 3025 (Part 23): 1986 (RA 2014)	200	500	242.0
19.	Total Hardness (as CaCO ₃) 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—

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

1 a)	Name of the Project :	M/s Orissa Metaliks Private Limited (II)-
		<ul style="list-style-type: none"> Proposed Iron ore beneficiation/wet grinding plant (matching with pellet capacity), Pellet Plant (2.2 MTPA), Producer gas Plant (480 TPD or 75000 Nm³/Hr) and Coke oven Plant (0.225 MTPA) along with 15 MW WHRB based Captive Power Plant. 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 Nm³/Hr) Mini Blast Furnace (1 x 320m³)-4,50,000 TPA with matching PCM and 200 TPD Oxygen Plant.
1 b)	Environment Clearance Nos. :	<ul style="list-style-type: none"> F. NO. – J-11011/182/2012-IA II (I) DATED: 24TH FEBRUARY, 2015; MEMO NO. 264-2N-29/2019(E)-PT dated 23RD AUGUST, 2020 AND MEMO NO. 131-2N-29/2019(E)-PT dated 16TH MARCH 2022. F. NO. – J-11011/604/2010-IA II(I), DATED 1ST JUNE ,2012,4TH JANUARY ,2017 & 2ND JUNE ,2017, MEMO NO. 264-2N-29/2019(E)-PT dated 23RD AUGUST, 2020 AND MEMO NO. 131-2N-29/2019(E)-PT dated 16TH MARCH 2022. F.NO. – J-11011/229/2007-IA II (I) DATED 07.07.2021 AND MEMO NO. 131-2N-29/2019(E)-PT dated 16TH MARCH 2022.
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 rd Floor, Room No - 3B Kolkata – 700 001(WB)
4	Existing vegetation in the area/ region	Vacant Land
	a) Species (trees/shrubs/grasses/climbers)	Not Applicable
	b) Major prevalent species of each type	Not Applicable
5	Land coverage by the project	
	a) Total area under the project	70.0 Acres
	b) Area covered for basic infrastructure (roads/building/factory etc.)	46.57 Acres
6	Details about natural vegetation	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	Plantations required to be carried out as per	
	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	Details of plantations																
		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	Agency carrying out plantation and maintenance		Our own horticulture department & third party															
10	Financial details (year wise) plantation wise and item wise		<table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Year</th> <th>Funds allocated (Rupees)</th> <th colspan="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															



FORM 60-11

HEALTH

1. State for which Report of this work: **INDIA**

(Describe only State A & B of the two Special Periodic Rule 102)

2. Name of vessel: **SHIVAKH BARK**

3. No.: **10421**

Month	Particulars	Days	Days	Days	Days	Days	Days	Days	Days
Particulars									

Part A - 1. Report of this work is required by Section 102 of the Act.

2. For any further details see Appendix.

REGISTER

(To be filled only by the vessel owner, charterer or agent)

4. Date of entry: **12-20-1970**

(Describe only for work)

Particulars	Days	Days	Days	Days	Days	Days	Days
Particulars							

Mr. H. S. Bhatia, Sr. Secy
 Mr. D. S. Bhatia, Sr. Secy
 Mr. S. S. Bhatia, Sr. Secy
 Mr. T. S. Bhatia, Sr. Secy

Handwritten signature and date
 Date: 12/20/70

Part B - 1. Report of this work is required by Section 102 of the Act.

2. For any further details see Appendix.

Form No. 11

HEALTH

1. Name of the holder of this record: [Blank]
2. Name of holder: [Blank]
3. No.: [Blank]

(Prescribed under Rules 13 & 14 of the Water Control Board 1954)

Sl. No.	Date of Examination	Name of the Officer	Particulars of Examination	Remarks	Signature of Officer	Signature of Holder
1	27/11/77	[Blank]	[Blank]	[Blank]	[Blank]	[Blank]

Form No. 11, Section 11, Chapter 1, Water Control Board 1954

REGISTER

(Prescribed under Rule 13 of the Water Control Board 1954)

1. Name of holder: [Blank]
2. Medical certificate not to be used here

(If issued under Rule 13)

Sl. No.	Date of Examination	Name of the Officer	Particulars of Examination	Remarks	Signature of Officer	Signature of Holder
1	16/11/77	[Blank]	[Blank]	[Blank]	[Blank]	[Blank]

16/11/77
 [Handwritten notes in the register table]

[Handwritten notes in the register table]

Form No. 11, Section 11, Chapter 1, Water Control Board 1954

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	Bikash Rana 31898	M	17/07 1995	SR Trainee	01/07 2019	27-3-23	BE (6 6	Sas	Fit
7.	Plant-3 Mechanical	Rajesh Kumar Sahoo 31925	M	07/06 1992	Engineer	08/06 2019	27-3-23	BE (6 6	Sas	Fit
8.	Oxygen Plant	Tammana Srinivas 31882	M	11/04 1989	SR Engineer	01/07 2019	27-3-23	BE (6 6	Sas	Fit
9.	Plant-2 Operation	Amar Das 31960	M	15/06 1990	SR Engineer	15/07 2019	27-3-23	BE (6 6	Sas	Fit
10	Plant-5 Mechanical	Sushant Kumar Sahoo 31913	M	03/07 1984	SR Engineer	04/07 2019	27-3-23	BE (6 6	Sas	Fit

Dr.  02.10.23
 Regd. No.
 MBBS - DLO
 (Ophthalmologist)
 Rgno - 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		
6	Pilot-3 operation	Mritunjay Dey 22267	M	04/08 1989	Engineer	19/07 2014	22.3.23	BE<6 6	Sas	Fit
7	Pilot-2 mechanical	Debabrata Mondal 31086	M	09/05 1992	Pilot Engineer	05/04 2018	22.3.23	BE<6 6	Sas	Fit
18	Pilot-3 mechanical	Anash Deo 30213	M	01/10 1994	Pilot Engineer	26/04 2016	22.3.23	BE<6 6	Sas	Fit
19	Pilot-4 mechanical	Debasish Patra 31870	M	10/07 1997	H.E.S	21/07 2019	22.3.23	BE<6 6	Sas	Fit
20	ATIS Pilot operation	Saurav Das 33326	M	12/01 1987	Deputy Manager	15/03 2021	22.3.23	BE<6 6	Sas	Fit

Dr. 
 Regd. No. 22-02-2023
Dr. Sanjay Das
 MBBS - DLO
 (Ophthalmologist)
 Ophthalmologist 642-4091

FORM NO.- 17A

Record of Eye Examination

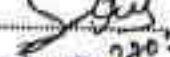
Sl. NO.	DEPARTMENT / WORK	NAME OF WORKER	SEX	AGE (on last birthday)	OCCUPATION		EXAMINATION OF EYE SIGHT		SIGNATURE OF OPHTHALMOLOGIST	REMARKS
					Nature	Date of Employment	Date	Result		
31	Peel-2 & 3 Operation	Samrat Mondal 32886	M	03/01 2000	JR Engineer	25/05 2021	27-3-23	REF 6 6	S Das	Fit
32	Peel-5 Mechanical	Jayanta Kumar Saha 33052	M	07/03 1987	Fitler	01/11 2021	27-3-23	REF 6 6	S Das	Fit
33	Peel-3 Mechanical	Deepak Kumar 31371	M	15/03 1992	Engineer	17/08 2018	27-3-23	REF 6 6	S Das	Fit
34	Demolition Mechanical	Rajesh Kumar 32485	M	01/01 1969	Foreman	01/09 2020	27-3-23	REF 6 6	S Das	Fit
35	MS-2 Operation	Kimidi Sainu 31186	M	06/06 1995	Asst Engineer	25/05 2018	27-3-23	REF 6 6	S Das	Fit

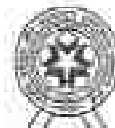
Dr. 
 Regd. **Dr. Sanjay Das** 27-03-2023
 MBBS - DLO
 (Ophthalmologist)
 Rgno - 42401
 Ophthalmologist Sign. of Seal

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		
1.	Panel-2 Mechanical	Souven Mandal 31871	M	12.01 1998	G.E.T	29.06 2019	27.3.23	BE L ₆	S Das	Fit
2.	Panel-3 Electrical	Avishek Kumar Das 31837	M	19.01.1996	G.E.T	05.06 2019	27.3.23	BE L ₆	S Das	Fit
3.	Panel-2 Electrical	Chitta Ranjan Barik 31951	M	14.06 1993	G.E.T	15.07 2019	27.3.23	BE L ₆	S Das	Fit
4.	Panel-4 Mechanical	Sridhar Adhikari 31904	M	05.07 1980	Fireman	02.09 2019	27.3.23	BE L ₆	S Das	Fit
5.	Panel-2 Operation	Ashis Maity 31959	M	02.09 1999	D.E.T	15.07 2019	27.3.23	BE L ₆	S Das	Fit

Dr. 
 Regd. No. Sanjay Das
 MBBS - DLO
 (Ophthalmologist)
 Rgno - 42401
 Ophthalmologist Sign. of Seal



TEST REPORT

Name & Address Of the Customer : M/s. Orissa Metaliks Pvt. Ltd.(Unit-II) Address: VIII- Gokulpur, P.O- Shyamraipur, P.S- Kharagpur (L), Paschim Medinipur- 721301, West Bengal.	Report No.	: QLS/P-31/23-24/C/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

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

for Qualissure Laboratory Services

Reviewed & Authorized By:

Benimadhab Gorai, Chemist
(Authorized Signatory)

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TEST REPORT

Name & Address Of the Customer :	Report No.	: QLS/P-31/23-24/C/10
	Date	: 05.05.2023
M/s. Orissa Metaliks Pvt. Ltd.(Unit-II)	Sample No.	: QLS/P-31/23-24/10(A-B)
Address: Vill- Gokulpur, P.O-	Sample Description	: Noise
Shyamraipur, P.S- Kharagpur (I), Paschim	Date of performance	: 19.03.2023-25.03.2023
Medinipur- 721301, West Bengal.	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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