EC Conditions Six Monthly Compliance Report

(by Project Proponent)



Proposal No: IA/WB/IND/107252/2019

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 :	88		
Complied :	19	Being Complied :	58
Not Complied :	0	Partially Complied :	0
Agreed to Comply :	11		

5. Details of Production and Project Area :

6. Specific Conditions (Proponent):

S.No	Condition	Self Declaration	Remarks / Reason	Supporting Documents	Observation of IRO
1	Efforts shall be made to reduce RSPM levels in the ambient air and a time bpound action plan shall be submitted. On-line stack monitoring facilities for all the stacks should be provided and sufficient air pollution control devoces shall be provided to keep the emission level below prevailing standards. Data on ambient air quality and stack emission should be submitted to this ministry including its regional Office at Bhubaneswar, CPCB and W.B pollution control Board once in sixmonth.	Being Complied	Adequate Measures have been taken by management for reducing the RSPM levels in the ambient air like. Please refer attached EC compliance Report.	PDF	

10:58	0:58			Compliance Report		
2	As proposed, electrostatic precipitator (ESP) shall be provided to DRI kilns to control emissions within prevailing standards. The waste gases from the DRI kiln shall be passed through dust particles and after burning chamber(ABC). The hot gases from ABC shall be taken to gas cleaning plant to burn the combustibles and cleaned in ESP.	Being Complied	Existing Sponge Iron Unit having capacity 7,80,000 TPA,having 9 nos. of ESP's with 6 nos.of 10 TPH, 1 no of 38 TPH capacities & 02 Nos. 60 TPH (WHRB).Refer to the uploaded document	N/A		
3	Bag filters shall be provided at the transfer points to control fugitive emissions. Dust suppression system shall be provided to control dust from raw material handling and storage area in DRI plant. The water shall be sprayed in the after burning Chamber.	Being Complied	Please refer attached EC compliance Report	N/A		
4	2050 KLD water is required for 780,000 TPA Sponge iron plant (6 x 100 + 1 x 350 + 1 x 500 + 1 x 600 TPD)-7,80,000 TPA along with 83 MW captive power plant (WHRB - 52 MW + AFBC - 6 MW + CFBC-25 MW) and it is/will be sourced from Bore well , Rainwater Harvesting pond and surface water (Kansabati river). Zero effluent discharge shall be strictly followed and no wastewater discharged outside the premises.	Complied	OMPL has already obtained adequate ground water extraction permission from SWID West Bengal, for ground water & surface water from Kansabati River. Please refer EC compliance report	N/A		
5	2050 KLD water is required and it is/will be sourced from Bore well, Rainwater Harvesting pond &surface water (Kansabati river)	Being Complied	The detail is already discussed in point no-v. PLease refer EC compliance report	N/A		
6	All the char from DRI plant shall be utilized in AFBC boiler of power plant and no char shall be disposed of anywhere else. All the other solid waste is including broken refractory mass shall be-properly disposed off in environment friendly manner.	Being Complied	Please refer attached EC compliance report.	N/A		
7	Coal and coke fines shall be recycled and reused in the process iron ore, fluxes, mill scale etc. Shall be recycled to sinter plant to produce sinter, waste oil shall be sold to authorized recyclers/reprocesses.	Being Complied	 Coal and coke fines are used in DRI process, AFBC base & CFBC base CPP for reducing the fuel consumption. Please refer attached EC compliance report 	N/A		
8	A time bound action plan shall be submitted to reduce solid waste, its proper utilization and disposal	Being Complied	Because of use of better quality of raw material and process optimization	PDP.		

Compliance R

10:58			Compliance Report	
			there is a reduction in solid waste generation. Please refer attached EC compliance report.	
9	All the fly ash be utilized as per Fly Ash Notification, 1999 as amended in 2003	Being Complied	Please refer attached EC compliance report	N/A
10	As proposed green belt shall be developed in 33% area within and around the plan premises as per the CPCB guidelines in consultation with DFO.	Being Complied	In financial year 2022-23 from October to till March 2023 around 2265 saplings were planted and the survival rate is 93.0%	N/A
11	All the recommendations made in the charter on corporate Responsibility to Environment Protection (CREP) for the Steel plants shall be implemented.	Being Complied	CREP being complied in time bound frame. Please refer attached EC compliance report	N/A
12	DRI kiln should be provided with waste heat recovery boiler (WHRB) to make use of flue gases generated during the process.	Being Complied	Please refer attached EC compliance report	N/A
13	All the char from DRI plant utilized in AFBC boiler of power plant and no char shall be disposed off anywhere else.	Being Complied	6 MW capacity AFBC base captive power plant & 25 MW CFBC based CPP are in operation where Dolo-chars generated from DRI kilns are fully utilized for captive power generation.	N/A
14	Surface water shall be taken from Kansai River. No ground water shall be abstracted after completion of Kansai river pipeline	Agreed to Comply	Company has got water withdrawal permission of surface water from State Water Investigation Directorate (SWID), West Bengal from Kansai River. Please refer attached EC compliance report	N/A
15	As proposed, electrostatic precipitator (ESP) shall be provided to DRI kilns to control emissions within prevailing standards. The waste gases from the DRI kiln shall be passed through dust particles and after burning chamber(ABC). The hot gases from ABC shall be taken to gas cleaning plant	Being Complied	Existing Sponge Iron Unit having capacity 7,80,000 TPA,having 9 nos. of ESP's with 6 nos.of 10 TPH, 1 no of 38 TPH capacities & 02 Nos. 60 TPH (WHRB).Refer to	N/A

0:58			Compliance Report		
	to burn the combustibles and cleaned in ESP.		the uploaded document		
16	DRI kiln should be provided with waste heat recovery boiler (WHRB) to make use of flue gases generated during the process.	Being Complied	The management of OMPL have already installed 6 X 100 TPD+ 1 x 350 TPD+ 1 x 600 TPD + 1 x 500 TPD capacity DRI base Kilns with 6 X 10 TPH + 1x 38 TPH + 2 x 60 TPH capacity WHRB.	N/A	
17	All the char from DRI plant shall be utilized in AFBC boiler of power plant and no char shall be disposed of anywhere else. All the other solid waste is including broken refractory mass shall be-properly disposed off in environment friendly manner.	Being Complied	Refer the uploaded compliance details	N/A	
18	All the recommendations made in the charter on corporate Responsibility to Environment Protection (CREP) for the Steel plants shall be implemented.	Being Complied	please refer the uploaded document	N/A	
19	Bag filters shall be provided at the transfer points to control fugitive emissions. Dust suppression system shall be provided to control dust from raw material handling and storage area in DRI plant. The water shall be sprayed in the after burning Chamber.	Being Complied	Dust extraction system including Dedusting System and pulse jet bag filters is provided stock house, Product house, Separation house, and at the transfer points to control fugitive emissions	N/A	
20	All the fly ash be utilized as per Fly Ash Notification, 1999 as amended in 2003	Being Complied	60-70% of the Fly ash is being supplied to associate company (RCL at Jhargram & Bansal Cement Private Limited at Kharagpur) for Cement manufacturing purpose. Balance 30-40%-brick making	N/A	
21	2050 KLD water is required for 780,000 TPA Sponge iron plant (6 x 100 + 1 x 350 + 1 x 500 + 1 x 600 TPD)-7,80,000 TPA along with 83 MW captive power plant (WHRB - 52 MW + AFBC - 6 MW + CFBC-25 MW) and it is/will be sourced from Bore well , Rainwater Harvesting pond and surface water (Kansabati river). Zero effluent discharge shall be strictly followed and no wastewater discharged outside the premises.	Being Complied	OMPL has already obtained adequate ground water extraction permission from State Water(SWID). Pls refer the uploaded document.	N/A	

):58			Compliance Report		
22	Coal and coke fines shall be recycled and reused in the process iron ore, fluxes, mill scale etc. Shall be recycled to sinter plant to produce sinter, waste oil shall be sold to authorized recyclers/reprocesses.	Being Complied	• Coal and coke fines are used in DRI process, AFBC base & CFBC base CPP for reducing the fuel consumption	N/A	
23	Efforts shall be made to reduce RSPM levels in the ambient air and a time bpound action plan shall be submitted. On-line stack monitoring facilities for all the stacks should be provided and sufficient air pollution control devoces shall be provided to keep the emission level below prevailing standards. Data on ambient air quality and stack emission should be submitted to this ministry including its regional Office at Bhubaneswar, CPCB and W.B pollution control Board once in sixmonth.	Being Complied	Adequate Measures have been taken by management for reducing the RSPM levels in the ambient air. Pls refer uploaded document.	N/A	
24	A time bound action plan shall be submitted to reduce solid waste, its proper utilization and disposal	Being Complied	Kindly refer the uploaded ec compliance	N/A	
25	All the char from DRI plant utilized in AFBC boiler of power plant and no char shall be disposed off anywhere else.	Being Complied	Pls refer the uploaded EC cpomliance	N/A	
26	As proposed green belt shall be developed in 33% area within and around the plan premises as per the CPCB guidelines in consultation with DFO.	Being Complied	In financial year 2022-23 from October to till March 2023 around 2265 saplings were planted and the survival rate is 93.0%	N/A	
27	Surface water shall be taken from Kansai River. No ground water shall be abstracted after completion of Kansai river pipeline	Agreed to Comply	Company has got water withdrawal permission of surface water from (SWID), West Bengal from Kansai River. Laying of pipeline from River Kansabati to the industry is completed.	N/A	
28	2050 KLD water is required and it is/will be sourced from Bore well, Rainwater Harvesting pond &surface water (Kansabati river)	Being Complied	Being Complied	N/A	

7. General Conditions (Proponent) :

S.No	Condition	Self Declaration	Remarks / Reason	Supporting Documents	Observation of IRO
1	The Gaseous emissions from various process units shall conform to the load/mass-	Complied	All the necessary measures have been adopted by	N/A	

https://environmentclearance.nic.in//User/ComplianceViewReport.aspx?Proposal_No=IA/WB/IND/107252/2019&Proposal_Id=14207&Comp_Id=... 5/15

10:58	C	Compliance Report	
based standards notified by this Ministry on 19th May, 1993 and standards prescribed from time to time. The State Board may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location.		management of OMPL-I for preventing the gaseous emission on priority basis. Please refer attached EC compliance report	
2 At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM10, SO2, and NOx are anticipated in consultation with the SPCB Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its Regional Office at Bhubaneswar and the SPCB/CPCB once in six months.	Complied	Complied	N/A
3 Industrial wastewater shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.	Being Complied	Plant is designed zero discharge Plant.	N/A
4 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 dBA (night-time).	Being Complied	Noise levels have been monitored at five locations viz. Near Plant Main Gate, Mathurakismat Village, Latibpur Village, Between DRI Plant Area, & Near CPP Area by third party monitoring agency	N/A
5 Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Being Complied	OHS of the workers is periodically accessed on a regular basis & records are being maintained as per The Factories Act, 1948. Company is ISO 45001:2018 certificate is valid till 30-10- 2023.	
6 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	OMPL has 01 no full fledge rainwater harvesting pond in operation of total capacity 50000KL	N/A

10:	58		(Compliance Report		
				(approx.) in plant premises & harvested water are being used for dust suppression, greenbelt development etc		
	7	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	Please refer attached EC compliance report	N/A	
	8	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 Orissa. The funds so provided shall not be diverted for any other purpose.	Being Complied	Rs. 25.0 crore and Rs.2.55 crores is earmarked towards capital cost and annual recurring cost for implementing the environmental protection measures. Please refer attached EC compliance report	N/A	
	9	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila / 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	Please refer attached EC compliance report	N/A	
	10	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 MOEFCC at Orissa. The respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM10. SO2, NOx (ambient levels as well as stack emissions) or critical sectorial parameters,	Being Complied	Please refer attached EC compliance report	N/A	

):58			Compliance Report	
	indicated for the projects shall b			
11	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 MOEFCC, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Orissa/CPCB/SPCB shall monitor the stipulated conditions.	Being Complied	Regular reports of Monitoring and compliance are submitted to Ministry at regional office. The details of submission are enclosed here with. Please refer attached EC compliance report	N/A
12	The environmental statement for each financial year ending 31th 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 MOEFCC at Orissa by e- mail.	Complied	All the necessary measures have been adopted by management of OMPL for preventing the gaseous emission on priority basis. Please refer attached EC compliance report.	N/A
13	Gaseous emission levels including secondary fugitive emissions form all the sources shall be controlled within the latest permissible limits issued by the Ministry and regularly monitored guidelines/Code of Practice issued by the CPCB shall be followed.	Being Complied	Inhibitory measures been taken by project proponent to deduce fugitive emissions from all the vulnerable sources like: Please refer EC complaince report	PDE
14	Setting of 780,000 TPA Sponge iron plant (6 x 100 + 1 x 350 + 1 x 350 + 1 x 500 + 1 x 600)-780,000 TPA along with 83 MW captive power plant 83 MW (WHRB-52 MW + AFBC-6 MW + CFBC- 25 MW) at Mouza-Mathurakismat, J.L. No-114.	Complied	Noted & Already Complied	N/A
15	Adequate Air Pollution Control measures as noted in Environment management plant need be complied	Being Complied	Please refer attached EC compliance report	N/A
16	Emission level from bag filter and ESP shall be less than 30mg per Nm3.	Being Complied	We are complying	N/A
17	Zero liquid discharge shall be adopted.	Being Complied	Our plant is designed as a Zero Discharge plant. Water is mainly used for cooling purpose. Please refer	N/A

:58			Compliance Report		
			attached EC compliance report		
18	100 percent waste utilisation shall be followed.	Being Complied	The char from DRI plants are being utilized in AFBC & CFBC boiler of power plant and no char is disposed of anywhere else. Please refer attached EC compliance report.	N/A	
19	Green belt shall cover 33% of the total area in the plant site.	Being Complied	Green belt with density of 2500 per hectare along and around boundary of the site towards the highway already started. Please refer attached EC compliance report.	PDP	
20	The project authorities must strictly adhere to the stipulation made by the West Bengal State Pollution Control Board and the State Government.	Being Complied	Please refer attached EC compliance report	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).	Being Complied	Please refer attached EC compliance report	N/A	
22	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, Forests 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 t	Complied	Please refer attached EC compliance report.	N/A	
23	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	
24	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	
25	Any appeal against this EC shall lie with the National Green Tribunal, if preferred,	Agreed to Comply	Noted	N/A	

3			Compliance Report	
P	vithin a period of 30 days as prescribed under Section 11 f the National Environment Appellate Act, 1997.			
b, f f () t	The above conditions shall e 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, 2003 and he Public Liability Insurance Act, 1991 along with their amendments and Rules.	Agreed to Comply	Noted	N/A
27	Sensitization of project proponents on implementation of ban on Single Use Plastic (SUP).	Being Complied	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
w o a	Project authorities shall form the Regional Office as rell as the Ministry, the date f financial closure and final approval of the project by the concerned authorities nd the date of commencing he land development work.	Agreed to Comply	Private Company, no finance is needed from outside.	N/A
dı u e	PP committed for use of nported coal only. However, the committee felt that uring the non-availability of imported coal, PP shall be sing Indian coal. Therefore, the pollution control quipment shall be designed or use of Indian coal/higher pollution load.	Agreed to Comply	For the current operational plant, the installed pollution control equipments are also designed for using Indian coal.	N/A
K b	Gurface water is taken from Gansai River , No ground has een abstracted from ground water after complition of kansai pipe line.	Agreed to Comply	Company has got water withdrawal permission of surface water from State Water Investigation Directorate (SWID), West Bengal from Kansai River. Please refer attached EC compliance report	N/A
w o	Project authorities shall form the Regional Office as ell as the Ministry, the date f financial closure and final approval of the project by the concerned authorities	Agreed to Comply	Private Company, no finance is needed from outside.	N/A

			Compliance Report	
	and the date of commencing the land development work.			
32	Gaseous emission levels including secondary fugitive emissions form all the sources shall be controlled within the latest permissible limits issued by the Ministry and regularly monitored guidelines/Code of Practice issued by the CPCB shall be followed.	Being Complied	Inhibitory measures been taken by project proponent to reduce fugitive emissions from all the vulnerable sources.	N/A
33	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 MOEFCC at Orissa. The respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM10. SO2, NOx (ambient levels as well as stack emissions) or critical sectorial parameters, indicated for the projects shall b	Being Complied	Ps refer the uploaded document for details.	N/A
34	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 project proponent is fully committed in socio economic development activities. In financial year 2022-23, OMPL company has spent Rs. 9,36,00,000 under the head of CSR/CER.	N/A
35	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	OMPL has 01 no full fledge rain water harvesting pond in operation of total capacity 50,000 KL (approx) in plant premises and harvested water are being used for dust suppression,green belt development	N/A
36	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Being Complied	Occupational health surveillance of the workers is periodically accessed on a regular basis and records are being maintained as per The Factories	N/A

10:5	8		Compliance Report				
				Act. 1948. Company is ISO 45001:2018 certified.			
	37	Industrial wastewater shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.	Being Complied	Plant is designed zero discharge Plant.	N/A		
-	38	At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM10, SO2, and NOx are anticipated in consultation with the SPCB Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its Regional Office at Bhubaneswar and the SPCB/CPCB once in six months.	Complied	Complied	N/A		
	39	The project authorities must strictly adhere to the stipulation made by the West Bengal State Pollution Control Board and the State Government.	Being Complied	Adequate measure has been taken by management of OMPL-I for pollution control and complying with all condition issues by CPCB & SPCB.	N/A		
	40	The environmental statement for each financial year ending 31th 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 MOEFCC at Orissa by e- mail.	Complied	Pls refer the uploaded documents	N/A		
	41	The Gaseous emissions from various process units shall conform to the load/mass- based standards notified by this Ministry on 19th May, 1993 and standards prescribed from time to time. The State Board may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location.	Complied	Pls refer the uploaded document.	N/A		

:58	0:58 Compliance Report			
42 A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila / 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 dated 07.07.2021 w.r.t part transfer and amendment were submitted to DM, Paschim Medinipur vide letter dated 20.07.2021 and EC copy also uploaded on the website of the company.	N/A	
43 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	In compliance to this point amendment and part transfer in EC No. J- 11011/227/2007- I (A) dated: 12.6.2008, 10.12.2008, 12.02.2015, 06.01.2017, 30.08.2018 & 26.12.2019 obtained by ministry.	N/A	
44 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, Forests 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 t	Complied	Advertisement within seven days from the date of issue of the Environment clearance amendment & part transfer in two local newspapers that are widely circulated in the region are made	N/A	
45 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 Orissa. The funds so provided shall not be diverted for any other purpose.	Being Complied	Rs. 25.0 crore and Rs.2.55 crores is earmarked towards capital cost and annual recurring cost for implementing the environmental protection	N/A	
46 The Ministry may revoke or suspend the clearance, if implementation of any of the above condition is not satisfactory.	Complied	Noted	N/A	

58			Compliance Report	
47	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 dBA (night-time).	Being Complied	Noise levels have been monitored at five locations viz. Near Plant Main Gate, Mathurakismat Village, Latibpur Village, Between DRI Plant Area, & Near CPP Area by third party monitoring agency	N/A
48	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 MOEFCC, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Orissa/CPCB/SPCB shall monitor the stipulated conditions.	Being Complied	Last Compliance uploaded on December-22 (April 2022- september 2022) on 26.11.2022	N/A
49	PP committed for use of imported coal only. However, the committee felt that during the non-availability of imported coal, PP shall be using Indian coal. Therefore, the pollution control equipment shall be designed for use of Indian coal/higher pollution load.	Complied	For the current operational plant, the installed pollution control equipments are also designed for using Indian coal.	N/A
50	Zero liquid discharge shall be adopted.	Being Complied	Zero Discharged Plant	N/A
51	Sensitization of project proponents on implementation of ban on Single Use Plastic (SUP).	Being Complied	In order to create awareness among the employees about the harm/ impact of Single Use Plastic on environment as well as human health, number of banners and flex has been displayed at suitable place.	N/A
52	Emission level from bag filter and ESP shall be less than 30mg per Nm3.	Being Complied	Noted	N/A
53	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Act, 1997.	Complied	Noted	N/A
54	100 percent waste utilisation shall be followed.	Being Complied	Noted	N/A
55	The above conditions shall be enforced, inter-alia under the provisions of the Water	Being Complied	Noted	N/A

27/05/2023,	10:58
-------------	-------

58 0			Compliance Report		
	(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, 2003 and the Public Liability Insurance Act, 1991 along with their amendments and Rules.				
56	Setting of 780,000 TPA Sponge iron plant (6 x 100 + 1 x 350 + 1 x 350 + 1 x 500 + 1 x 600)-780,000 TPA along with 83 MW captive power plant 83 MW (WHRB-52 MW + AFBC-6 MW + CFBC- 25 MW) at Mouza-Mathurakismat, J.L. No-114.	Complied	Noted	N/A	
57	Adequate Air Pollution Control measures as noted in Environment management plant need be complied	Complied	Kindly refer uploaded ec compliance details	N/A	
58	Surface water is taken from Kansai River , No ground has been abstracted from ground water after complition of kansai pipe line.	Being Complied	Permission has been obtained from SWID.	N/A	
59	The Ministry reserves the right to stipulate additional conditions if found necessary. The company in a time bound manner shall implement these conditions.	Being Complied	Noted	N/A	
60	Green belt shall cover 33% of the total area in the plant site.	Being Complied	Refer the Documents.	N/A	

**Note : N/A - Not Available

PRINT



Six Monthly (June-2023) Compliance Report for Period October 2022 to March 2023 for Sponge iron plant (6 x 100 + 1 x 350 + 1 x 500 + 1 x 600 TPD)-7,80,000 TPA along with 83 MW Captive power plant (WHRB-52 MW + AFBC-6 MW + CFBC-25 MW) at Village Gokulpur, P.O. Shyamraipur, P.S. Kharagpur (Local) District West Medinipur, West Bengal.

1 message

ORISSA METALIKS <orissametalikspvtltd@gmail.com>

Fri, May 26, 2023 at 11:31 AM To: iro.kolkata-mefcc@gov.in, ms@wbpcb.gov.in, "wbpcbnet@wbpcb.gov.in" <wbpcbnet@wbpcb.gov.in>, monitoringec@nic.in

Bcc: bijayen.srivastava@rashmigroup.com, Biswanath Sharma <biswanath@rashmigroup.com>, ompl1.environment@rashmigroup.co.in

Dear Sir,

With reference to the above, we are hereby submitting the six monthly compliance reports for period from October 2022 to March 2023 of EC no.- J-11011/229/2007-I (A) dated 07.07.2021 and EC No- J-11011/227/2007-I(A) dated 12.6.2008, 10.12.2008, 12.02.2015, 06.01.2017, 30.08.2018 & 26.12.2019 for Sponge iron plant (6 x 100 + 1 x 350 + 1 x 500 + 1 x 600 TPD)-7,80,000 TPA along with 83 MW Captive power plant (WHRB-52 MW + AFBC-6 MW + CFBC-25 MW) at Village Gokulpur, P.O. Shyamraipur, P.S. Kharagpur (Local) District West Medinipur, West Bengal being operated by name of M/s Orissa Metaliks Private Limited (Unit-I).

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

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

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

Authorised Signatory

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

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

Tel: 91 33-22894255/56 Fax: 91 33-22894254

Mbl. No-07044070948

Compliance_OMPL-I -JUNE-2023.pdf 22715K

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-I/ENV COMPL / June-2023

Date: 25 .05.2023

To,

Integrated Reginal 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 Sponge iron plant (6 x 100 + 1 x 350 + 1 x 500 + 1 x 600 TPD)-7,80,000 TPA along with 83 MW Captive power plant (WHRB-52 MW + AFBC-6 MW + CFBC-25 MW) at Village Gokulpur, P.O. Shyamraipur, P.S. Kharagpur (Local) District West Medinipur, West Bengal.
- Ref: EC: letter no. J-11011/229/2007-I (A) dated 07.07.2021 and J-11011/227/2007-I (A) dated 12.6.2008, 10.12.2008, 12.02.2015, 06.01.2017, 30.08.2018 & 26.12.2019

Dear Sir,

With reference to the above, we are hereby submitting the six monthly compliance reports for period from October 2022 to March 2023 of EC no.- J-11011/229/2007-I (A) dated 07.07.2021 and EC No- J-11011/227/2007-I(A) dated 12.6.2008, 10.12.2008, 12.02.2015, 06.01.2017, 30.08.2018 & 26.12.2019 for Sponge iron plant ($6 \times 100 + 1 \times 350 + 1 \times 500 + 1 \times 600$ TPD)-7,80,000 TPA along with 83 MW Captive power plant (WHRB-52 MW + AFBC-6 MW + CFBC-25 MW) at Village Gokulpur, P.O. Shyamraipur, P.S. Kharagpur (Local) District West Medinipur, West Bengal being operated by name of M/s Orissa Metaliks Private Limited (Unit-I).

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

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

Hope you will find the same in order.

Thanking you.

Yours Faithfully, For, M/s Orissa Metaliks Private Limited (Unit-I)

Authorized Signatory

C.C:-

- 1. The Member Secretary, West Bengal Pollution Control Board, Paribesh 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 Ambient Air Monitoring Report as Annexure-I.
- 3. Data of OCEMS connected with major stacks as Annexure-II.
- 4. Stack Monitoring report by WBPCB as Annexure-III.
- 5. Copy of Fugitive Emission Report as Annexure-IV.
- 6. TCLP test of Dolochar as Annexure-V.
- 7. Green Belt Development Detail as Annexure-VI.
- 8. Six Month CAAQMS report from all the three stations as Annexure-VII.
- 9. Effluent & Ground water sampling Report is enclosed as Annexure-VIII.
- 10. Copy of Ambient & Work Noise Monitoring Report Annexure-IX.
- 11. OHS Record as Annexure –X.

SIX MONTHLY COMPLIANCE REPORT (June-2023)

FOR

Project Name- Sponge Iron plant (6 x 100 + 1 x 350 + 1 x 500 + 1 x 600 TPD)-7,80,000 TPA along with 83 MW Captive power plant (WHRB-52 MW + AFBC-6 MW + CFBC-25 MW) operated by name of M/s Orissa Metaliks Private Limited (Unit-I)

E.C. NO. - J-11011/227/2007-I (A) dated: 12.6.2008, 10.12.2008, 12.02.2015, 06.01.2017, 30.08.2018 & 26.12.2019 & E.C. NO.- J-11011/229/2007-I (A) dated 07.07.2021

Location: - Village-Gokulpur, P.O-Shyamraipur, District-Paschim Midnapore (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

Name of the Project: -Sponge Iron plant 7,80,000 TPA (6 x 100 + 1 x 350 + 1 x
500 + 1 x 600)-780,000 TPA along with 83 MW captive
power plant 83 MW (WHRB-52 MW + AFBC-6 MW +
CFBC- 25 MW)at village Gokulpur, P.O Shyamraipur, P.S
Kharagpur (Local) District West Medinipur, West Bengal.

<u>Clearance Letter/s No. and date: -</u>

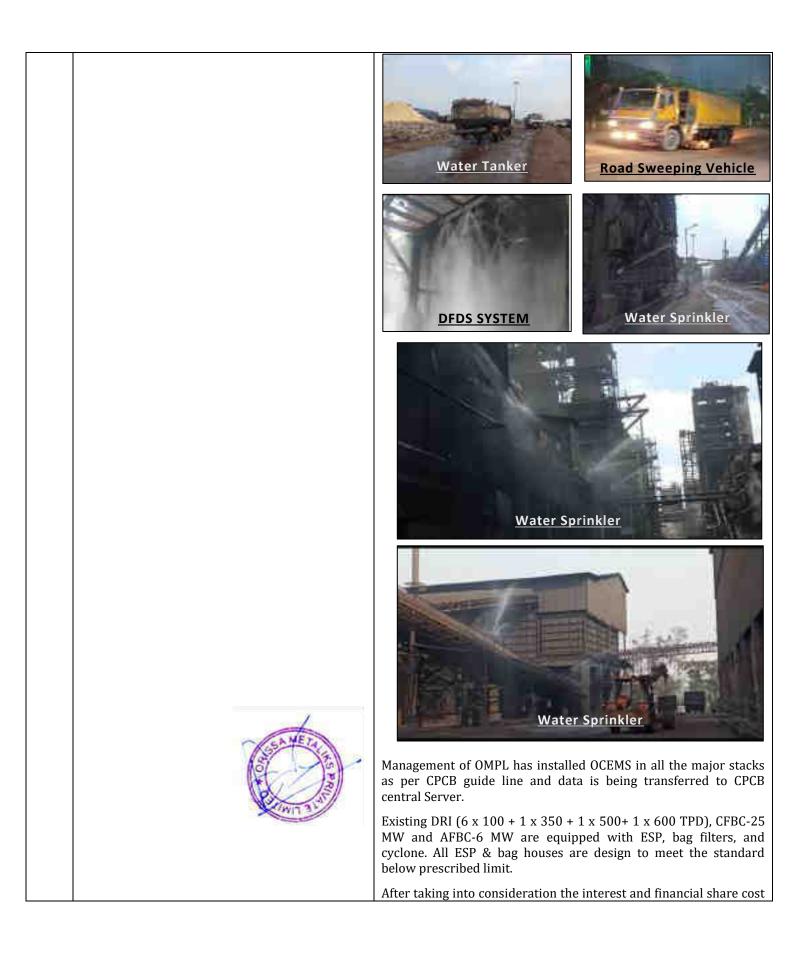
EC No. - J-11011/229/2007-I (A) dated 07.07.2021

Covering stipulated condition of earlier EC No. J-11011/227/2007-I (A) dated: 12.6.2008, 10.12.2008, 12.02.2015, 06.01.2017, 30.08.2018 & 26.12.2019

Period of Compliance Report: -

October 2022 to March 2023

А.	Specific Conditions	COMPLIANCE STATUS
i)	Efforts shall be made to reduce RSPM levels in the ambient air and a time bound action plan shall be submitted. Online stack Monitoring facilities for all stacks should be provided and sufficient air pollution control devices shall be	Been Complied Adequate Measures have been taken by management for reducing the RSPM levels in the ambient air like.
	provided to keep the emission level below prevailing standards. Data on Ambient air quality and stack emission should be regularly submitted to the ministry including regional	 Fixed water sprinklers and water guns are provided at the potential internal roads and raw materials handling areas. One number of Mobile water sprinklers tanker and one number of mouble water mit common have been appeared.
	office at Bhubaneswar, CPCB and W.B pollution control board once in six months.	number of movable water mist cannon have been engaged for regular water sprinkling in the haul roads of construction areas for control of fugitive dust emission.
		3. 10 nos. water sprinkler/ water gun along the roadside covering 0.5 km have been installed to reduce fugitive emission.
		 Dedicated 01 no street swiping machine is being used and Frequency of Mechanical Street sweeping machine with vacuum cleaning has been increased (from 2 times a days to 04 times a day).
		5. Pneumatic APC dust handling system is in place.
		6. All conveyor belts, vibrating screens and transfer points are covered with sheets for preventing the fugitive emissions.
	A WE STATE	Mobile Mist CanonFixed Mist Canon



from associate company of the Group, for monitoring the Ambient Air quality around industrial units of the Group, 03 nos. Continuous Ambient Air Quality Monitoring Station (USEPA/ MCERT approved) is installed covering upwind, downwind and crosswind directions after getting site approval from WBPCB and data is transferred to SPCB server

Regular reports of Monitoring and compliance are submitted to Ministry at regional office, Bhubaneswar & IRO, MoEFCC, Kolkata. The details of submission are enclosed here with.

Sr.	Year	Period Up To	Submission
No			Date
1	2016-	I st Dec 2016	26.11.2016
	2017	I st June 2017	16.05.2017
2	2017-	I st Dec 2017	01.12.2017
	2018	I st June 2018	01.06.2018
3	2018-	Ist Dec 2018	28.11.2018
	2019	1 st June 2019	23.05.2019
4	2019-	I st Dec 2019	14.11.2019
	2020	1 st June 2020	29.05.2020
5	2020-	1 st Dec 2020	30.11.2020
5	2021	1 st June 2021	31.05.2021
	2021-	1 st Dec 2021	1.12.2021
6	2022	1 st June 2022	26.05.2022
7	2022-	1 st Dec 2022	19.11.2022
/	2023	1 ST June 2023	

Ambient Air Quality (AAQ) are monitored at three locations viz., Near Plant Main Gate, Amba Village and Shyamraipur Village by third party monitoring agency M/s. Qualissure Laboratory Services, West Bengal which is NABL/ WBPCB/OSPCB accredited laboratory has done the analysis. As per monitoring reports the emission levels are as follows:

	Parameter	Near Plant Main Gate	Amba Village	Shyamraipur Village
	$PM_{10} (\mu g/m^3)$	71	65	76
	PM 2.5 (µg/m ³)	34	29	37
	$SO_2 (\mu g/m^3)$	8.8	7.2	7.0
	NO ₂ ($\mu g/m^3$)	31.6	28.7	29.5
	CO (µg/m ³)	801	744	664
		ted lab are atta ICEMS is enclos	ched in as a sed as Ann e	is reports carried by Annexure No. – I for exure-II.
As proposed, electrostatic precipitator (ESP)		Being Cor	nplied	
shall be provided to DRI kilns to control				
emissions within prevailing standards. The waste gases from the DRI kiln shall be passed through dust particles and after burning	TPD, 1 X 350 TPD, 1	X600 TPD &	1 X 500 TF	80,000 TPA (6 X 100 PD capacity base DRI TPH. 1 no of 38 TPH
chamber(ABC). The hot gases from ABC shall be taken to gas cleaning plant to burn the	- $ -$			



ii)

	combustibles and cleaned in ESP.	MW CFBC Boilers & all the DRI Kilns.
		All ESP & bag houses are design to meet the standard below prescribed limit.
		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 – III.
iii)	Bag filters shall be provided at the transfer	Being Complied
	points to control fugitive emissions. Dust suppression system shall be provided to control dust from raw material handling and storage area in DRI plant. The water shall be sprayed in the after burning Chamber.	Dust extraction system including Dedusting System and pulse jet bag filters is provided stock house, Product house, Separation house, and at the transfer points to control fugitive emissions and dust suppression system is provided to control dust from raw material handling and storage area.
iv)	Gaseous emission levels including secondary	Being Complied
	fugitive emissions form all the sources shall be controlled within the latest permissible limits issued by the Ministry and regularly	Inhibitory measures been taken by project proponent to reduce fugitive emissions from all the vulnerable sources like:
	monitored guidelines/Code of Practice issued by the CPCB shall be followed.	1. Fixed water sprinklers and water guns are provided at the potential internal roads and raw materials handling areas.
		2. One number of Mobile water sprinklers tanker and one number of movable water mist cannon have been engaged for regular water sprinkling in the haul roads of construction areas for control of fugitive dust emission.
		3. 10 nos. water sprinkler/ water gun along the roadside covering 0.5 km have been installed to reduce fugitive emission.
		4. Dedicated 01 no street swiping machine is being used and Frequency of Mechanical Street sweeping machine with vacuum cleaning has been increased (from 2 times a days to 04 times a day).
		5. Pneumatic APC dust handling system is in place.
		6. All conveyor belts, vibrating screens and transfer points are covered with sheets for preventing the fugitive emissions.
		7. Dry fog dust suppression system is installed at Fly ash silo area to reduce fugitive emission.
		Fugitive Emissions have been monitored at DRI Plant Area, CPP Area, Near Fly Ash Silo Area, Product House & Truck Parking Area by third party monitoring agency M/s. Qualissure Laboratory Services, West Bengal which is NABL/ WBPCB/OSPCB accredited laboratory has done the analysis. As per monitoring reports for month of March 2023 the emission levels are as follows:
	Cased HE INCH	ParameterDRICPPProductNear FlyTruckPlantAreaHouseash SiloParkingAreaAreaArea
	State State	TSPM 325 336 602 995 252 (μg/m³) 252 336
	A DE LE	

		The latest fug Annexure No		ı analysis r	eport is	enclosed as		
v)	2050 KLD water is required for 780,000 TPA Sponge iron plant (6 x 100 + 1 x 350 + 1 x 500 + 1 x 600 TPD)-7,80,000 TPA along with 83 MW captive power plant (WHRB - 52 MW + AFBC - 6 MW + CFBC-25 MW) and it will be sourced from Bore well, Rainwater Harvesting	Annexure NoIV. OMPL has already obtained adequate ground water extraction permission from State Water Investigation Department (SWID) West Bengal, for ground water & surface water from Kansabati River. The present makeup water requirement in DRI & CPP 2050 KLD.						
	pond and surface water (Kansabati river).	Water		Source of	Water			
	Zero effluent discharge shall be strictly followed and no wastewater discharged outside the premises.	Requirement for EC awarded Project	Groundwater (after obtaining permission from SWID)	Surface waste from Kansabati River	Nala/ Treate d Waste Water	Rain water Harvesting Pond		
		2,050 KLD	1,911	KLD	**	139 KLD		
vi)	2050 KLD water is required and it is/will be	The plant has b Primary ETP pl in DRI plant. N Water is recycl development. O outlet to ensure	ant is installed o waste water ed and reused nline web came e no water is dis	in plant and is discharged for dust supp era is installe	CPP blow d outside pression a d at poter	down is used the premises. and green belt ntial discharge		
-	sourced from Bore well, Rainwater Harvesting		_					
vii)	pond &surface water (Kansabati river) All the char from DRI plant shall be utilized in	The detail is alr			V.			
	AFBC boiler of power plant and no char shall be disposed of anywhere else. All the other solid waste is including broken refractory mass shall be-properly disposed off in environment friendly manner.	 OMPL-I is using imported/ indigenous coal having high As imported coal, GCV value is higher than the Indian Coal Ash content is much because in summary to be down and because in summary to be down and because in summary in the because in the becaus						
viii)	Coal and coke fines shall be recycled and reused in the process. Iron ore fluxes, mill scale etc. shall be recycled to sinter plant to produce sinter. Waste oil shall be sold to authorised recyclers/reprocesses.	d Being Complied ll o Coal and coke fines are used in DRI process, AFBC base & here CDB formeducing the feel commuting						
	NIT 3 T	units is sen	ted cotton and it to Common H al Facility (CHW	azardous Wa				

ix)	A time bound action plan shall be submitted to reduce solid waste, its proper utilisation and disposal.	Because of use of better quality of raw material and proptimization there is a reduction in solid waste generation. bound action plan to reduce solid waste, its proper utilizati disposal are as follows:					
		S. No.	Particulars	Year (2022-23)	Year (2023-24)		
		1	Kiln Accretion	6,280	6,240		
		2	Char & Dolochar	1,49,000	1,48,000		
		3	Fly Ash	84,300	84,000		
		4	Dust from APC Devices	1,15,500	1,09,200		
		5	Bottom Ash	1,52,400	1,52,000		
			lysis Report of Doloc				
x)	All the fly ash be utilized as per Fly Ash		the Fly ash is being				
	Notification, 1999 as amended in 2003.		nent Limited at Jhan				
			haragpur) for Cement eing used for brick m		, purpose. Balance		
	As proposed green belt shall be developed in		Being C				
xi)	33% area within and around the plan premises as per the CPCB guidelines in consultation with DFO.	boundary of financial yea 2265 sapling maintain ade	vith density of 2500 the site towards to r 2022-23 from Oct gs were planted and quate green belt den as been deployed	the highway al cober to till Ma l the survival r	ready started. In arch 2023 around rate is 93.0%. To		

xii)	All the recommendation made in the charter on corporate Responsibility to Environment		il of green belt developed is enclo ng complied in time bound frame Action points for Integrated Iron & Steel Industry	
	protection for the steel plants shall be implemented.	1	Coke Oven Plants	
			A To meet the parameters PLD (% leaking colours), PLL (% leaking lids), PLO (% leaking off take), of the notified standards under EPA within three years by December	Not applicable
			2005). Industry will submit time bound action plan and PER Chart along with the Bank Guarantee for the implementation or	
			2005). Industry will submit time bound action plan and PER Chart along with the Bank Guarantee	Not applicable

	3		st Fur		Not applicable
		Direct inject of reducing agents by June 2013.			
	4	Solid Waste/Hazardous			
		_		nagement	
		A	Steel (SMS	zation of /Melting shop b)/Blast Furnace (BF) as per the following	Not applicable
			schee •	dule: By 2004 – 70%	
				By 2006 – 80% and By 2007 – 100%	
		Haz	ardou	is Wastes	
		В	I	Charge of tar sludge/ETP sludge to Coke Oven by June 2003.	Not Applicable
			II	Inventorization of the Hazardous	Inventorization completed.
				waste as per Hazardous Waste (M & H). Rules, 1989 as amended in 2000 and implementation of	Coal tar, Waste oils and cotton/jute waste containing oil are sold to WBPCB authorized vendors/parties
				the Rules by Dec. 2003. (Tar sludge, acid	The annual return (FORM-IV) for the financial year (2021- 2022) in prescribed
				sludge, waste Lubricating oil and type fuel falls in the category of Hazardous waste).	format submitted on Online Consent Management & Monitoring System portal to WBPCB vides return no-231462 dated 30.06.2022.
	5		ter Co lution	nservation/Water	
		A	To re const for l m ³ /t Dece	educe specific water umption to 5 m ³ /t ong products and 8 for flat products by mber 2005.	The average water consumption is within the prescribed limit.
		В	efflue effici notif disch June	arge standards. – by 2003.	Not Applicable
SSA METAL	6	stac calib setti amb	oration ing ι bient a	n of Continuous nitoring system & its n in major stacks and up of the online ir quality monitoring y June 2005.	The company has Successfully installed online Stack monitoring system in all DRI & Power Plants.
A REAL PROPERTY OF THE PROPERT		stati		y julie 2003.	04 Nos. CAAQMS & 01 no manual Ambient Monitoring System is installed for monitoring

			the ambient air quality covering 360 degree.
	7	To operate the existing	Compliance reported is
		pollution control equipment	being submitted to the
		efficiently and to keep proper	WBPCB and quarterly
		record of run hours, failure	monitoring of the stacks
		time and efficiency with	is being done by WBPCB.
		immediate effect. Compliance	
		report in this regard is submitted to CPCB/SPCB every	
		three months.	
	8	To implement the	Being complied
	0	recommendations of Life Cycle	Domgoomphou
		Assessment (LCA) study	
		sponsored by MoEF by	
		December 2003.	
	9	The industry will initiate the	
		steps to adopt the following	
		clean technologies measures to improve the performance of	
		industry towards production,	
		energy and environment.	
		A Energy recovery of top	Not applicable
		Blast Furnace (BF) gas.	
		B Use of Tar – free runner	Not applicable
		linings	
		C De- dusting of Cast house	Dry fog system is being
		at tap holes, runners,	installed at fly ash silo
		skimmers ladle and charging points.	area.
		D Suppression of fugitive	Not Applicable
		emissions using nitrogen	Not Applicable
		gas or other inert gas.	
		E To study the possibility of	Not applicable
		slag and fly ash	
		transportation back to	
		the abandoned mines, to	
		the abandoned mines, to fill up the cavities	
		fill up the cavities through empty railway	
		wagons while they return	
		back to the mines and its	
		implementation.	
		F Processing of the waste	Maximum Generated
		containing flux & ferrous	Solid wastes are reused
		wastes through waste	in different units such as
		recycling plant.	coal fine used in Pellet
			plant of associate
×			company, DRI fines in SMS and Dolochar used
			in AFBC & CFBC Boiler
CASA YELA			for Power Generation.
AST AND		G To implement rainwater	OMPL have 01 no rain
		harvesting	water harvesting ponds
			of capacity 50,000 KL
WIN 3			(approx.) in plant
			premises and harvested
			water is being used in
			dust suppression, green
			belt development etc.

			Reduction Green House	
		Н	Gases by:	
		-	I Reduction in power consumption	Use of Phenolic water in ABC of DRI kiln resulting increase in enthalpy.
			II Use of by- products gases for power generation	The waste gas generated from DRI is being utilised in the power generation passing through Waste Heat Recovery Boiler (WHRB) feeding to 09 nos. water tube boiler which generates 52 MW power.
		-	III Promotion of Energy Optimisation technology Including energy/ audit	Not applicable
		I	To set targets for Resource Conservation such as Raw material, energy and water consumption to match International Standards.	Management of OMPL has taken up eco- friendly (i. e. 3 R's, Reduce, Recycle & Reuse) philosophy for day-to-day plant operations, in this connection OMPL management team trying to reduce the unit wise water consumptions and reuse the water after physical treatment in the same unit
		J	Up- gradation in the monitoring and analysis facilities for air and water pollution. Also, to impart elaborate training to the manpower so that realistic data is obtained in the environmental monitoring laboratories.	Upgradation in the monitoring and analysis facilities has already been done by installation of Online CEMS at all major stacks. A separate Environment Management Cell is already in operational to manage all the environmental issues. The manpower entrusted for environmental monitoring has been imparted training on regular basis.
CALLER TO A LEVEL OF THE AVEL	2	К	To Improve overall housekeeping.	 Action taken by company for improvement of housekeeping and controlling emission are: a) Dedicated 01 No water spraying tankers are in use. b) Frequency of Mechanical Street sweeping machine

 with so been increased from 02 times a days to 04 times a days to 10 times a days to 10 more strengther water grantifier g		· · · · · · ·		
 increased from 02 times a days to 04 times a days to 10 or bedicated 01 no. c) bedicated 01 no. water symbiler/water gun along the roadside covering 0.5 km have been installed to reduce fugitive emission. c) 01 no movable Water mixt 60 water to reduce the system installed to the fugitive dust. c) 50 nos of water system the been installed to the fugitive dust. c) 50 nos of water prome area like DRI, Truck The Arking, Truck Parking, Truck Parking, and equipment. g) Engaged more effectively controlling the fugitive emission. g) Engaged more diffectively controlling the fugitive emission. g) Engaged more and equipment. g) Engaged more of declared libousckeeping team with proper training and equipment. g) Regular plaining and area with proper monisson is done. g) Straps are stored in declared in the system to reduce walt. g) Straps are stored in proper draining of dratar systems pre- dictic mixer. g) Regular cleaning of dratar area water area with proper draining of dratar area water area water				
 times a days to 64 times a days. e) Dedicated 01 no. street sviping in plant. ei) 10 nos. water sprinkler/ water gan along the roadside covering 05 km have been installed to reduce fugitive emission. e) 01 nos movable water installed and in used in order to reduce the givinklers inside the sprinklers inside the sprinkl				
 times a day. edicated 0.1 no. street swipping machine also in use in plant. (d) 10 nos water pan along the roadside covering 0.5 km have been installed to reduce fugitive emission. e) 0.1 no morable Water mist for some the plant at emission for the plant at emission particle water and the DRI. f) 50 most of water some the plant at emission. g) 50 most of water some the plant at emission. g) 50 most of water some the plant at emission. g) 60 most of water some the plant at emission. g) 60 most of water some the plant at emission. g) 60 most of water some the plant at emission. g) 60 most of water some the plant at emission. g) 60 most of water some the plant at emission. g) 61 most of water some the plant at emission. g) 62 most of water some the plant at emission. g) 63 most of water some the plant at emission. g) 64 most of water some the plant at emission. g) 65 most of water some the plant at emission. g) 65 most of water some the plant at emission. g) 60 most of water some the plant at emission. g) 61 most of water some the plant at emission. g) 62 most of water some the plant at emission. g) 63 most of water some the plant at emission. g) 64 most of water some the plant at emission. g) 64 most of water some the plant at emission. g) 65 most of water some the proper training and equipment. g) 64 most of water some the plant at emission. g) 65 most of water some the plant at emission. g) 65 most of water some the plant at emission. g) 66 most of water some the plant at emission. g) 67 most of water some the plant at emission. g) 67 most of water some the plant at emission. g) 68 most of water some the plant at emission. g) 60 most of water some the plant at emission. g) 60 most of water some the pla				
 c) Dedicated 01 no. ret swiping machine also in use in plant. d) 10 nos. water sprinkler/water spri				
 street swiping machine also in use in plant. d) 10 nos, water spiridker/ water gun also prinkers installed to reduce fugitive emission. e) 01 no movable Water mist of the plant at emission in order to reduce the fugitive dust. f) 50 nos. of water spiridker/ water gun or area like DRI, Truck Parking, Internal Road, CPP area, Raw material stock yard etc. g) Engaged more area like DRI, Truck Parking, Internal Road, CPP area, Raw material stock yard etc. g) Engaged more fugitive emission. g) Regular cleaning of water fugitive emission. g) Regular cleaning of the plant system to reduce with proper fugitive emission. 				
 machine also in use in plant. d) 10 nos. water is sprinkler/water is sp			-	
 in plant. d) 10 nos, water spirinkler/ water gan along the roadside covering 0.5 km have been installed to reduce fugitive emission. e) 0.1 no movable Water mist fog system has been installed and in used in order to reduce the fugitive dust. f) 50 nos of water spirinklers inside the DRI, Truck Parking, Internal Road, CPP area, Raw material stock yard etc. has been installed for effectively controlling the fugitive emission. g) Engaged more fugitive emission. g) Engaged more mumbers of dedicated Housekeeping team with proper training and quipment. i) Soraps are stored in extension of water in the fugitive emission. g) Engaged more marking. g) Engaged more fugitive emission. g) Engaged more marking. g) Engaged more fugitive emission. g) Engaged more marking. g) Eng				
 (d) 10 nos. water gan along the roadside covering 0.5 km have been installed to the reduce frightive emission. (e) 01 no movable Water mist fog system has been installed and in used in order to reduce the fugitive dust. (f) 50 nos. of water spiniders inside the plant at emission prone area like DRI. Track Parking, Internal Road, CPP area, Raw material stock yard etc. has been installed for effectively understand the fugitive emission. (g) Engaged more discussion. (g) Engaged more mission and equipment. (h) Regular painting and equipment. (h) Regular painting and equipment. (h) Scraps are stored in decision for area with proper training marking. (h) Il arardous wastes area with proper marking. (h) Il arardous wastes area with proper marking. (h) Il arardous wastes area stored. (h) Concreting of internal road with proper marking of using system to reduce the store. (h) Regular cleaning of using of internal road with proper distant gar stored. (h) Regular cleaning of using system to reduce the store. 				
 sprinkler/ water gan along the roadside covering 0.5 km have ermission. e) 01 no morvable Water mist fog system has been installed and in used in order to reduce the fugitive dust. f) 50 nos. of vater sprinklers inside the plant at emission prone area like DRI, Truck Parking, Internal Road, CPP area, Raw material stock yard etc. has been installed for effectively controlling the fugitive emission. g) Engaged more numbers of dedicated Housekeeping team with proper training and equipment. h) Regular painting and desaring // whitewashing of wall. i) Scraps are stored in proper demarcated area with proper marking. j) Hazardous wastes are stored in dedicated H2W k) Regular chaning of train systems pre monsoon is done. j) Hazardous avastes are stored in dedicated H2W k) Regular chaning of train systems pre monsoon is done. j) Concreting of internal road with proper diatal got 				-
 along the roadside covering 0.5 km have been installed to reduce fugitive emission. e) 01 no morvable Water mist fog system has been installed and in used in order to reduce the fugitive dust. f) 50 nos of vater g) 50 nos of the plant at emission prone area like DRI, Truck Parking, Internal Road, CPP area, Raw material stock yard tet. has been installed for dedicated Housekeeping team with proper training and equipment. g) Engaged more numbers of dedicated Housekeeping team with proper training and cleaning / white wasting of wall. j) Scraps are stored in proper demarcated HZW store. g) Hazardous wastes are stored in dedicated HZW store. g) Hazardous wastes are stored in dedicated HZW store. g) Hazardous wastes are stored in dedicated HZW store. g) Concreting of drain systems pre monsoon is done. g) Concreting of internal road with proper remission. 				
 covering 0.5 km have reduce fugitive emission. e) 01 no movable Water mist fog system has been installed and in used in order to reduce the fugitive dust. f) 50 nos. of water sprinklers inside the plant at emission prone area like DRI. Truck Parking, Internal Road, CPP area, Raw material stock yard etc. has been installed for effectively controlling the fugitive emission. g) Engaged more numbers of dedicated Housekeeping team with proper training and equipment. h) Regular planting and cleaning / / wall. i) Scraps are stored in proper dematcated area with proper marking. j) Hazardous waates are stored in dedicated HZW k) Regular cleaning of train systems pre monsoon is done. i) Concreting of internal road with proper dematcated HZW k) Regular cleaning of train systems pre monsoon is done. j) Concreting of internal road with 				
 been installed to reduce fugitive emission. e) Oit no movable system has been installed and in used in order to reduce the fugitive dust. f) 50 nos. of water sprinklers inside the sprinklers in				
 reduce fugitive emission. 0 1 no movable Water mist fog system has been installed and in used in order to reduce the fugitive dust. 9 50 nos. of water sprinklers inside the plant at emission. Truck: Parking, Internal Road, CPP area, Raw material stock yard etc. has been installed for effectively controlling the fugitive emission. g) Engaged more numbers of dedicated Housekeping team with proper training and edigment. h) Regular painting and cleaning / wail. i) Scraps are stored in dedicated HZW store. k) Regular cleaning of drain systems pre morson is done. i) Concreting of internal road, with proper drainage system to reduce vehicular emission. 				
 emission. e) 01 no movable Water mist fog system has been installed and in used in order to reduce the fugitive dust. f) 50 nos. of water sprinklers inside the plant at emission prone area like DRI, Truck Parking, Internal Road, CPP area, Raw material stock yard etc. has been installed for effectively controlling the fugitive emission. g) Engaged more effectively controlling the Housekeeping team with proper training and equipment. h) Regular painting and cleaning / wall. i) Scraps are stored in proper demarcated area with proper marking. j) Hazardous wastes are stored in dedicated H2W store. k) Regular cleaning of drain systems pre monsoon is done. j) Concreting of internal road with proper drainaged 				
 e) 01 no movable Water mist fog system has been installed and in used in order to reduce the fugitive dust. f) 50 nos. of water sprinklers inside the plant at emission prone area like DRI, Truck Parking, Internal Road, CPP area. Raw material stock yard etc. has been installed for effectively controlling the fugitive emission. g) Engaged more numbers of dedicated Housekeeping team with proper training and equipment. h) Regular painting and chaining / whitewashing of wall. j) Scraps are stored in proper demarcated area with proper marking. j) Hazardous wastes are stored in dedicated HZW store. k) Regular cleaning of internal road with proper drainage of the more drainage of the more drainage of the more drainage of the more drainage of wystem to reduce whiched are mission. 				5
Water mist fog system has been in order to reduce the figure dust. () 50 nos. of water spinklers inside the DRI, plant at emission prove area like DRI, Truck Parking, Internal Road, CPP area, Raw material stock yard etc. has been installed for effectively controlling the fugitive emission. g) Bagged numbers of of dedicated Housekeeping team with proper training area with proper marking. j) Scraps are stored in proper demarcted area with proper marking. j) Hazardous wastes area stored ideciated HW store. j) Concreting of internal road with proper drainage system to reduce whice arealission.				
 system has been installed and in used in order to reduce the fugitive dust. () 50 nos. of water sprinklers inside the plant at emission prone area like DRI, Truck Parking, Internal Road, CPP area, Raw material stock yard etc. has been installed for effectively controlling the fugitive emission. (g) Engaged more numbers of dedicated Housekeeping team with proper training and equipment. (h) Regular painting and cleaning / whitewashing of wall. (i) Scraps are stored in dedicated IIZW store. (j) Hazardous wastes are stored in dedicated IIZW store. (k) Regular cleaning of train systems pre monsoon is done. (j) Concreting of internal road with proper drainage system to reduce vehictuar emission. 			-	
 installed and in used in order to reduce the fugitive dust. f) 50 nos. of water s prinklers inside the plant at emission prone area like DRI, Truck Parking, Internal Road, CPP area, Raw material stock yard etc. has been installed for effectively controlling the fugitive emission. g) Engaged more numbers of dedicated Housekeeping team with proper training and equipment. h) Regular painting and cleaning / whitewashing of wall. j) Scraps are stored in dedicated HZW store. k) Regular cleaning of drain systems pre morson is done. j) Concreting of internal road visione. k) Regular cleaning of drain systems pre morson is done. k) Regular cleaning of drain systems pre morson is done. k) Regular cleaning of marking. k) Regular cleaning of marking road visione. k) Concreting of internal road vision. 				
 in order to reduce the fugitive dust. f) S50 mos. of water sprinklers inside the plant at emission prone area like PRI, Truck P Parking, Internal Road, CPP area, Raw material stock yard etc. has been installed for effectively controlling the fugitive emission. g) Engaged more numbers of dedicated Housekeeping team with proper training and equipment. h) Regular painting and cleaning / wall. i) Scraps are stored in declicated HZW store. j) Hazardous wastes are stored in declicated HZW store. j) Hazardous forme. j) Concreting of internal road with proper drainage system to reduce vehicular emission. 				
 the fugitive dust. 50 nos. of water sprinklers inside the plant at emission prone area like DRI, Truck Parking, Internal Road, CPP area, Raw material stock yard etc. has been installed for effectively controlling the fugitive emission. g) Engaged more numbers of dedicated Housekeeping team with proper training and equipment. h) Regular plaining and cleaning / wall. i) Scraps are stored in dedicated HZW wall. j) Hazardous wastes are stored in dedicated HZW store. k) Regular cleaning of drain systems pre monson is done. j) Concreting of internal road with proper drainage system to reduce vehicular emission. 				
 f) 50 nos. of water sprinklers inside the plant at emission prone area like DRI, Truck Parking, Internal Road, CPP area, Raw material stock yard etc. has been installed for effectively controlling the fugitive emission. g) Engaged more numbers of dedicated Housekeeping team with proper training and equipment. h) Regular painting and cleaning / will. i) Scraps are stored in proper marking. j) Hazardous wastes are stored in proper marking. j) Hazardous is done will proper marking. j) Hazardous is done will proper marking. j) Hazardous is done. j) Concreting of internal road with proper drainage system to reduce welicular emission. 				
 sprinklærs inside the plant at emission prone area like DRI, Truck Parking, Internal Road, CPP area, Raw material stock yard etc. has been installed for effectively controlling the fugitive emission. g) Engaged more numbers of dedicated Housekeeping team with proper training and equipment. h) Regular painting and cleaning / whitewashing of wall. i) Scraps are stored in proper demarcated area with proper marking. j) Hazardous wastes are stored. j) Hazardous wastes are stored. j) Regular cleaning of drain systems pre monsoon is done. j) Concreting of internal road with proper drainage system to reduce weicular emission. 				
 plant at emission prone area like DRI, Truck Parking, Internal Road, CPP area, Raw material stock yard etc. has been installed for effectively controlling the fugitive emission. g) Engaged more numbers of dedicated Housekeeping team with proper training and equipment. h) Regular painting and cleaning / whitewashing of wall. i) Scraps are stored in proper demarcated area with proper marking. j) Hazardous wastes are stored in dedicated HZW store. k) Regular cleaning of drain systems pre monsoon is done. j) Concreting of internal road with proper drainage system to reduce vehicular emission. 				
 internal Road, CPP area, Raw material stock yard etc. has been installed for effectively controlling the fugitive emission. g) Engaged more numbers of dedicated Housekeeping team with proper training and equipment. h) Regular painting and cleaning / whitewashing of wall. i) Scraps are stored in proper demarcated area with proper marking. j) Hazardous wastes are stored in dedicated HZW store. k) Regular cleaning of internal road with proper drainage system to reduce vehicutar emission. 				
 Truck Parking, Internal Road, CPP area, Raw material stock yard etc. has been installed for effectively controlling the fugitive emission. g) Engaged more numbers of dedicated Housekeeping team with proper training and equipment. h) Regular painting and cleaning / whitewashing of wall. i) Scraps are stored in proper demarcated area with proper marking. j) Hazardous wastes are stored in dedicated HZW store. k) Regular cleaning of drain systems pre monsoon is done. j) Concreting of internal road with proper drainage system to reduce vehicular emission. 				
 Internal Road, CPP area, Raw material stock yard etc. has been installed for effectively controlling the fugitive emission. g) Engaged more numbers of dedicated Housekeeping team with proper training and equipment. h) Regular painting and cleaning / wall. i) Scraps are stored in proper demarcated area with proper marking. j) Hazardous wastes are stored in dedicated HZW store. k) Regular cleaning of marking. j) Hazardous wastes are stored in dedicated HZW store. k) Regular cleaning of internal road with proper drainasystems pre monsoon is done. j) Concreting of internal road with proper drainasystems pre monsoon is done. j) Concreting of internal road with proper drainasystems pre 				
 area, Raw material stock yard etc. has been installed for effectively controlling the fugitive emission. g) Engaged more numbers of dedicated Housekeeping team with proper training and equipment. h) Regular painting and cleaning / whitewashing of wall. i) Scraps are stored in proper demarcated area with proper marking. j) Hazardous wastes are stored in dedicated HZW store. k) Regular cleaning of internal road with proper drain systems pre monsoon is done. l) Concreting of internal road with proper drains pre monsoon is done. 				
 stock yard etc. has been installed for effectively controlling the fugitive emission. g) Engaged more numbers of dedicated Housekeeping team with proper training and equipment. h) Regular painting and cleaning / whitewashing of wall. i) Scraps are stored in proper demarcated area with proper marking. j) Hazardous wastes are stored in dedicated HZW store. k) Regular cleaning of internal road with proper drainage system to reduce wehicular emission. 				
 been installed for effectively controlling the fugitive emission. g) Engaged more numbers of dedicated Housekeeping team with proper training and equipment. h) Regular painting and cleaning / whitewashing of wall. i) Scraps are stored in proper demarcated area with proper marking. j) Hazardous wastes are stored in dedicated HZW store. k) Regular cleaning of drain systems pre monsoon is done. l) Concreting of internal road with proper drainage system to reduce vehicular emission. 				
 effectively controlling the fugitive emission. g) Engaged more numbers of dedicated Housekeeping team with proper training and equipment. h) Regular painting and cleaning / wall. i) Scraps are stored in proper demarcated area with proper marking. j) Hazardous wastes are stored in dedicated HZW store. k) Regular cleaning of drain systems pre monsoon is done. i) Concreting of internal road with proper drainage system to reduce vehicular emission. 				
 controlling the fugitive emission. g) Engaged more numbers of dedicated Housekeeping team with proper training and equipment. h) Regular painting and cleaning // whitewashing of wall. i) Scraps are stored in proper demarcated area with proper marking. j) Hazardous wastes are stored in dedicated HZW store. k) Regular cleaning of drain systems pre monsoon is done. l) Concreting of internal road with proper drainage system to reduce vehicular emission. 				
 fugitive emission. g) Engaged more numbers of dedicated Housekeeping team with proper training and equipment. h) Regular painting and cleaning / whitewashing of wall. i) Scraps are stored in proper demarcated area with proper marking. j) Hazardous wastes are stored in dedicated HZW store. k) Regular cleaning of drain systems pre monsoon is done. l) Concreting of internal road with proper drainage system to reduce vehicular emission. 				
 g) Engaged more numbers of dedicated Housekeeping team with proper training and equipment. h) Regular painting and cleaning / whitewashing of wall. i) Scraps are stored in proper demarcated area with proper marking. j) Hazardous wastes are stored in dedicated HZW store. k) Regular cleaning of drain systems pre monsoon is done. j) Concreting of internal road with proper drainage system to reduce vehicular emission. 				
 numbers of dedicated Housekeeping team with proper training and equipment. h) Regular painting and cleaning / whitewashing of wall. i) Scraps are stored in proper demarcated area with proper marking. j) Hazardous wastes are stored in dedicated HZW store. k) Regular cleaning of drain systems pre monsoon is done. j) Concreting of internal road with proper drainage system to reduce vehicular emission. 				
dedicated Housekeeping team with proper training and equipment. h) Regular painting and cleaning / withitewashing of wall. i) Scraps are stored in proper demarcated area with proper marking. j) Hazardous wastes are store. k) Regular cleaning of dedicated HZW store. k) k) Regular cleaning of drain systems pre monsoon is done. l) Concreting of internal road with proper proper drainage system to reduce vehicular emission.				
 Housekeeping team with proper training and equipment. h) Regular painting and cleaning / whitewashing of wall. i) Scraps are stored in proper demarcated area with proper marking. j) Hazardous wastes are stored in dedicated HZW store. k) Regular cleaning of drain systems pre monsoon is done. l) Concreting of internal road with proper drainage system to reduce vehicular emission. 				
 with proper training and equipment. h) Regular painting and claining / whitewashing of wall. i) Scraps are stored in proper demarcated area with proper marking. j) Hazardous wastes are stored in dedicated HZW store. k) Regular cleaning of drain systems pre monsoon is done. l) Concreting of internal road with proper drainage system to reduce vehicular emission. 				
 and equipment. h) Regular painting and cleaning / whitewashing of wall. i) Scraps are stored in proper demarcated area with proper marking. j) Hazardous wastes are stored in dedicated HZW store. k) Regular cleaning of drain systems pre monsoon is done. l) Concreting of internal road with proper drainage system to reduce vehicular emission. 				
 h) Regular painting and cleaning / whitewashing of wall. i) Scraps are stored in proper demarcated area with proper marking. j) Hazardous wastes are stored in dedicated HZW store. k) Regular cleaning of drain systems pre monsoon is done. l) Concreting of internal road with proper drainage system to reduce vehicular emission. 				
 cleaning / whitewashing of wall. i) Scraps are stored in proper demarcated area with proper marking. j) Hazardous wastes are stored in dedicated HZW store. k) Regular cleaning of drain systems pre monsoon is done. l) Concreting of internal road with proper drainage system to reduce vehicular emission. 				
 whitewashing of wall. i) Scraps are stored in proper demarcated area with proper marking. j) Hazardous wastes are stored in dedicated HZW store. k) Regular cleaning of drain systems pre monsoon is done. l) Concreting of internal road with proper drainage system to reduce vehicular emission. 				cleaning /
wall. i) Scraps are stored in proper demarcated area with proper marking. j) Hazardous wastes are stored in dedicated HZW store. k) Regular cleaning of drain systems pre monsoon is done. l) Concreting of internal road with proper drainage system to reduce vehicular emission.				whitewashing of
 i) Scraps are stored in proper demarcated area with proper marking. j) Hazardous wastes are stored in dedicated HZW store. k) Regular cleaning of drain systems pre monsoon is done. l) Concreting of internal road with proper drainage system to reduce vehicular emission. 				
image: system to reduce vehicular emission. image: system to reduce vehicular emission. image: system to reduce vehicular emission.				
area with proper marking. j) Hazardous wastes are stored in dedicated HZW store. k) Regular cleaning of drain systems pre monsoon is done. l) Concreting of internal road with proper drainage system to reduce vehicular emission.				
marking. j) Hazardous wastes are are stored in dedicated HZW store. k) Regular cleaning of drain systems pre monsoon is done. l) Concreting of internal road with proper drainage system to reduce vehicular emission.				
 j) Hazardous wastes are stored in dedicated HZW store. k) Regular cleaning of drain systems pre monsoon is done. l) Concreting of internal road with proper drainage system to reduce vehicular emission. 				
are stored in dedicated HZW store. k) Regular cleaning of drain systems pre monsoon is done. l) Concreting of internal road with proper drainage system to reduce vehicular emission.				
Image: system to reduce vehicular emission.				
store. store. store. k) Regular cleaning of drain systems pre monsoon is done. store. k)				
k) Regular cleaning of drain systems pre monsoon is done. iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii				
drain systems pre monsoon is done. I) Concreting of internal road with proper drainage system to reduce vehicular emission.				
Image: system to reduce vehicular emission.				
I) Concreting of internal road with proper drainage system to reduce vehicular emission.				
internal road with proper drainage system to reduce vehicular emission.	The second se			
proper drainage system to reduce vehicular emission.	CASA FEIA			
system to reduce vehicular emission.	AST AT			
vehicular emission.				
	13			
	A Charles and a			
		!		

	100 + 1 x 350 + 1 x 350 + 1 x 500 + 1 x 600)- 780,000 TPA along with 83 MW captive power plant 83 MW (WHRB-52 MW + AFBC-6 MW +	
xv)	780,000 TPA along with 83 MW captive power	Noted & Already Complied
xiv)	All the char from DRI plant should be utilized in AFBC boiler of power plant and no char should be disposed anywhere.	Being Complied 6 MW capacity AFBC base captive power plant & 25 MW CFBC based CPP are in operation where Dolo-chars generated from DRI kilns are fully utilized for captive power generation.
	recovery boiler to make use of Flue gases generated during the process.	The management of OMPL have already installed 6 X 100 TPD+ 1 x 350 TPD+ 1 x 600 TPD + 1 x 500 TPD capacity DRI base Rotary Kilns with 6 X 10 TPH + 1x 38 TPH + 2 x 60 TPH capacity Waste Heat Recovery Boilers for generating the maximum of 52 MW power for captive uses.
xiii)	DRI kiln should be provided with waste heat	Image: state of the submitted to CPCB/MoEF.for transporting raw materials & solid waste in fully covered way to avoid dust pollution.Image: state of the submitted to CPCB/MoEF.for transporting raw materials & solid waste in fully covered way to avoid dust pollution.Image: state of the submitted to CPCB/MoEF.for transporting raw materials & solid waste in fully covered way to avoid dust pollution.Image: state of the submitted to CPCB/MoEF.for transporting raw materials & solid waste in fully covered way to avoid dust pollution.Image: state of the submitted to CPCB/MoEF.for transporting raw materials & solid waste in fully covered way to avoid dust pollution.Image: state of the submitted to CPCB/MoEF.for transporting raw materials & solid waste in fully covered way to avoid dust pollution.Image: state of the submitted to CPCB/MoEF.for transporting raw materials & solid waste in fully covered way to avoid dust pollution.Image: state of the submitted to CPCB/MoEF.for transporting raw materials & solid waste in fully covered way to avoid dust pollution.Image: state of the submitted to CPCB/MoEF.for transporting raw materials & solid waste in fully covered way to avoid dust pollution for the plant boundary is being developed.Image: state of the submitted to CPCB/MoEF.for transporting raw materials & solid waste in fully covered way to avoid dust pollution for the plant boundary is being developed.

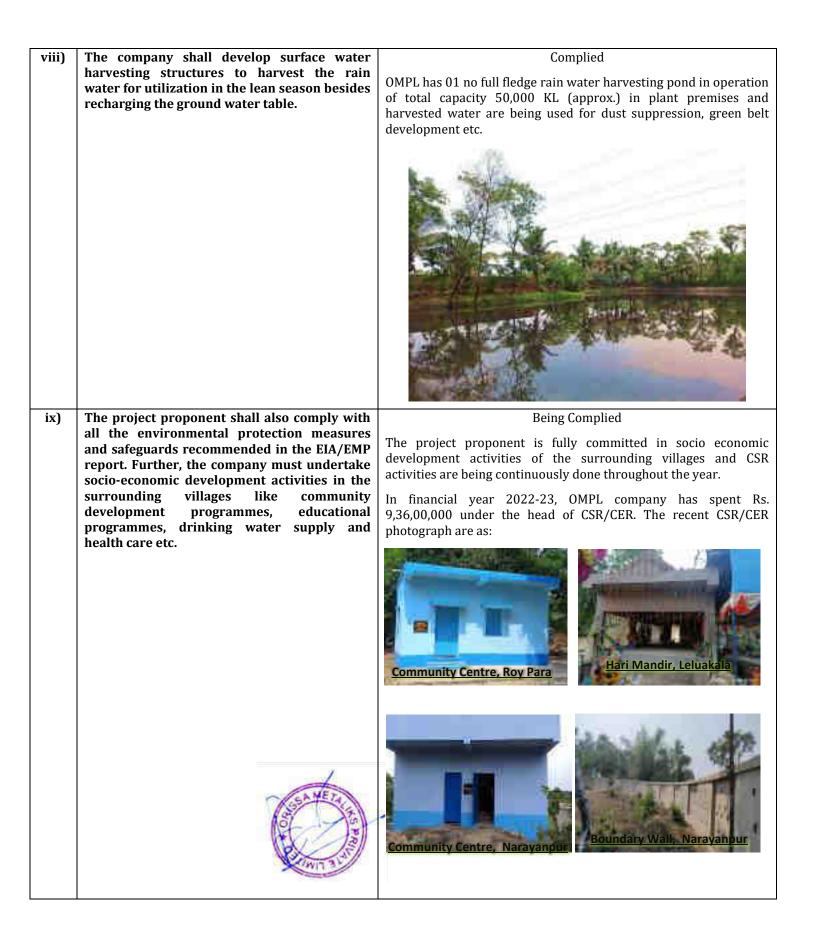
xvii)	Surface water shall be taken from Kansai River. No ground water shall be abstracted after completion of Kansai river pipeline	Will be Complied Company has got water withdrawal permission of surface water from State Water Investigation Directorate (SWID), West Bengal from Kansai River. Laying of pipeline from River Kansabati to the industry is completed and water extraction from 02 no. of bore wells on Kasai River bed is already started.				
		Scheme for integrated water distribution networks between industrial units of the Group with respect to surface water drawal from Kansabati river is already submitted vide letter OMPL/ENV COMPL/June-2021 dated 27.05.2021.				
xviii)	Emission level from Bag filter and ESP shall be 30 mg/Nm ³ .	Being Complied				
xix)	PP committed for use of imported coal only. However, the committee felt that during the non-availability of imported coal, PP shall be using Indian coal. Therefore, the pollution control equipment shall be designed for use of	Agreed For the current operational plant, the installed pollution contro equipments are also designed for using Indian coal.				
xx)	Indian coal/higher pollution load. Zero liquid discharge shall be adopted	Being Complied				
		Our plant is designed as a Zero Discharge plant. Water is mainlused for cooling purpose. After evaporation loss the quantum of remaining water is sent to the cooling tower in order to reuse the water again. Blow down water from cooling tower is used for dust suppression & in sponge iron. No water is discharged outside the plant premises. Effluent generated from slag granulation is treated in primary ET and is reused in process, for dust suppression & green bed development. The management has also installed Online OCEMS web camer (effluent) to ensure no waste water is being discharged outside plant premises.				
xxi)	100% waste utilization shall be followed.	Being Complied The char from DRI plants are being utilized in AFBC & CFBC boiler of power plant and no char is disposed of anywhere else. The solid waste utilization detail is as followed:				
		Particulars Disposal Scheme				
		Kiln AccretionUsed in Sinter Plant of associate company, Cement ManufacturingChar & DolocharUsed in FBC BoilerFly AshUsed for bricks manufacturing and Cement ManufacturingDust from APCUsed in Sinter Plant of associate company and also for Brick ManufacturingBottom AshRoad Construction & Land levelling				
		bottom Asii Koau construction & Lanu ievening				



xxii)	Green belt shall cover 33% of the total area in the plant site.	Being Complied
		Green belt with density of 2500 per hectare along and around boundary of the site towards the highway already started. In financial year 2022-23 from October to till March 2023 around 2265 saplings of trees and the survival rate is 93.0%. To maintain green belt / gap filling dedicated manpower has been deployed
		The detail of green belt developed is already discussed in point no- xi.
A.	GENERAL CONDITIONS:	COMPLIANCE STATUS
i)	The project authorities must strictly adhere to the stipulation made by the West Bengal State Pollution Control Board and the State Government.	Being Complied Adequate measure has been taken by management of OMPL-I for pollution control and complying with all condition issues by Central Pollution Control Board and State Pollution Control Board. Reports of Monitoring and compliance are submitted to WBPCB on regular basis.
ii)	No further expansion or modifications in the plant shall be carried but without prior approval of the Ministry of Environment and Forests.	In compliance to this point amendment and part transfer in EC No. J-11011/227/2007-I (A) dated: 12.6.2008, 10.12.2008, 12.02.2015, 06.01.2017, 30.08.2018 & 26.12.2019 obtained by ministry vide EC no J-11011/229/2007-I (A) dated 07.07.2021.
		Copy of the amended and part transfer EC is already submitted to regional office of ministry and SPCB with Six Monthly Compliance report (June-22) vide letter no-OMPL-I/ENV_COMPL/June-2022 dated 26.05.2022
iii)	The Gaseous emissions from various process units shall conform to the load/mass-based standards notified by this Ministry on 19th May, 1993 and standards prescribed from time to time. The State Board may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location.	Complied All the necessary measures have been adopted by management of OMPL-I for preventing the gaseous emission on priority basis. The load mass-based standards for the financial year 2021-22 is calculated and submitted with environmental statement in prescribed format to WBPCB vide letter no. OMPL- I/ENV_Statement/2021-2022 dated 23.09.2022.
iv)	At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM10, 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 As stated in point no-I of specific condition, after taking into consideration the interest and financial share cost from associate company of the Group, for monitoring the Ambient Air quality around industrial units of the Group, 04 nos. Continuous Ambient Air Quality Monitoring Station (USEPA/ MCERT approved) is installed covering upwind, downwind and crosswind directions after getting site approval from WBPCB. Also 01 no manual AAQMS is installed at plant main gate.
		Data on ambient air quality and stack emission is regularly submitted to this Ministry including its Integrated Regional Office, Kolkata and the WBPCB & CPCB. Last report submitted with six monthly compliance report –OMPL-I/ENV COMPL/December-2022 dated 19.11.2022.
v)	Industrial wastewater shall be properly collected, treated so as to conform to the	CAAQMS reports are attached in as Annexure No. – VII Being Complied Plant is designed as Zero Discharge Plant. Primary ETP plant is
	standards prescribed under GSR 422 (E) dated	installed in plant and CPP blow down is used in DRI plant. No waste

	19th May, 1993 and 31st December, 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.	water is discharged outside the premises. Water is recycled and reused for dust suppression and green belt development. Online OCEMS web camera (effluent) has been installed to ensure no waste water is being discharged outside plant premises.					
		M/s Qualissure Laboratory Services, West Bengal which is NABL/ WBPCB/OSPCB accredited laboratory has done the analysis. The analysis report of Effluent, STP (inlet & outlet) & Ground water sampling Report is enclosed as Annexure-VIII .					
vi)	The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods. Silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and dBA (night-time).	Being Complied Ambient & Work Zone Noise Monitoring Analysis (inside the plan in different units) is done by MoEF&CC, New Delhi /NAB accredited Laboratories. Noise levels have been monitored at five locations viz. Near Plan Main Gate, Mathurakismat Village, Latibpur Village, Between DR Plant Area, & Near CPP Area by third party monitoring agency M/ Qualissure Laboratory Services, West Bengal which is NABL WBPCB/OSPCB accredited laboratory. As per monitoring report the noise levels are as follows:					i /NABL ear Plant veen DRI ency M/s s NABL/
		ParameterNear PlantMathurakismLatibpurMain Gateat VillageVillageAvg.Avg.Avg.					age
		Leq (dBA)		63.8	57.9	52	
		Area Area Avg. Avg.					
		The Ambient & v Annexure-IX.	vork z		C	report is en	closed as
vii)	Occupational health surveillance of then workers shall be done on a regular basis and records maintained as per the Factories Act.	Annexure-IX. Being Complied Occupational health surveillance of the workers is periodically accessed on a regular basis and records are being maintained as per The Factories Act. 1948. Company is ISO 45001:2018 certified and certificate is valid till 30-10-2023.					ained as
		OHS record is att	ached	as Annexu	ıre-X.		







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.YearPartocularsNarration(INR Maintenance, Topulation of the Status Stack emission) or critical so 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 also be put on the web site of the company by the proponent.Narration(INR Particularsxii)A copy of clearance letter shall be sent by the clearance letter also be put on the web site of the company by the proponent.2022-2023 (Oct. to March)Complied CompliedStack, Fugitive, Analysis Analysis, In-house Analysis, In-house <	x) Requisite amount shall be earmarked towards		Being	g Complied					
implement the conditionsstipulated by the Ministry of Environment and Forests as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional Office of the Ministry at Bhubaneswar. The funds so provided shall not be diverted for any other purpose.Recurring Cost Incurred on Environmental Safeguard (NR Green Belt Development2022-2023 (Oct. to March)Maintenance, DevelopmentMaintenance, Iabour charges, Drainage Cleaning and other7,91,700 (Interpret)2022-2023 (March)Analysis Monitoring & Green Belt DevelopmentMaintenance, Iabour charges, Drainage Cleaning and other7,91,700 (Interpret)2022-2023 (March)Analysis Monitoring & Green Belt DevelopmentMaintenance, Iabour charges, Drainage Cleaning and other7,91,700 (Interpret)2022-2023 (March)Analysis Monitoring & Green Belt DevelopmentMaintenance, Iabour charges, Interpret, Interpret, Consumption etc. on A.P.C. Device installed.13,01,30 (Analysis, In-house Analysis, In-house Interpret, Consumption etc. on A.P.C. Device installed.xi)A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zil Parishad/Municipal Corporation, Urban suggestions/representations, if any, were received while processing the proposal. The clearance letter also be put on the web site of the company by the proponent.Copies of EC dated 07.07.2021 w.r.t part transfer and amen were submitted to DM, Paschi Medinipur vide letter to OMPL1/ENV_COMPL/December-2021 0.112.2021xii)The project proponent s									
schedule for implementing all the conditions stipulated herein shall be submitted to the Ministry at Bhubaneswar. The funds so provided shall not be diverted for any other purpose. Year Particulars Narration Amou (NR) Year Particulars Narration (R) Starte, Fugitive, Ambient, Water etc. Ministry at Bhubaneswar. The funds so provided shall not be diverted for any other purpose. Year Particulars Narration (R) 2022-2023 (Cot. to March) Analysis Stack, Fugitive, Ambient, Water etc. Monitoring & Analysis, In-house Analysis, In-house Analysis, In-house Analysis Stack, Fugitive, Ambient, Water etc. Monitoring & Analysis (Cot. to March) Operation & Maintenance cost, Installed. 1,96,80,1 xi) 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 also be put on the web site of the company by the proponent. Copy of citeria pollutants level namely: PM ₁₀ , SO (ministry and SPCB with Six Monthly Compliance report (D) vide letter no-OMPL-I/ENV_COMPL/December-2021 xii) The project proponent shall upload the status of compliance of the stipulated environment. Being Complied company by the proponent. Stack Pile no-Back Beinsion levels of pollutants level namely: PM ₁₀ , SO (motining of criteria pollutants level namely: PM ₁₀ , SO (m	implement the conditions stipulated by the	and annual recurring cost for implementing the environmental protection measures.							
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.YearParticularsNarrationInternace, Iabour costetc.7,91,7002022-2023 (Oct. to March)Comparinge Cleaning and other materials17,50,5013,01,302022-2023 (March)Analysis Environmental ParametersStack, Fugitive, Analysis Environmental Parameters13,01,302022-2023 (March)Analysis Environmental ParametersStack, Fugitive, Analysis Environmental Parameters13,01,302022-2023 (March)Analysis Environmental ParametersStack, Fugitive, Analysis Environmental Parameters13,01,302022-2023 (March)Analysis Environmental ParametersStack, Fugitive, Analysis Environmental Parameters13,01,302022-2023 (March)Analysis Environmental ParametersStack, Fugitive, Analysis Environmental Parameters1,98,80,112022-2023 (March)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 also be put on the web site of the company by the proponent.Copy of intimation letter is already submitted to regional o ministry and SPCB with Six Monthly Compliance report (D vid letter no-OMPL-I/ENV_COMPL/December-2021xii)The project proponent shall upload the status of compliance of the stipulated environment cl	-	Recurring cost incurred on Environmental saleguard							
Regional Office of the Ministry at Bhubaneswar. The funds so provided shall not be diverted for any other purpose. Image: Creaning and other parpose. Maintenance, 7,91,700 2022-2023 (Oct. to March) Analysis & Control other parents Maintenance, 7,91,700 2022-2023 (Oct. to March) Analysis & Maintoring of Environmental Parameters Stack, Fugitive, Ambient, Water etc. Monitoring & Analysis, In-house 13,01,30 Xi) A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter also be put on the web site of the company by the proponent. Complied Xii) The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEF at Bhubaneswar. The respective Being Complied		Year	Particulars	Narration	Amount (INR)				
xi)A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proponent.Journal and	Bhubaneswar. The funds so provided shall not				7,91,700.00				
2022-203 (Oct. to March)Analysis Monitoring of Environmental ParametersAmbient, Water et. Monitoring & Analysis, In-house Analysis, In-house 	be diverted for any other purpose.		House Keeping	Drainage Cleaning and other	17,50,500.00				
xi)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 		(Oct. to	13,01,300.00						
xi)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 also be put on the web site of the company by the proponent.TotalCompliedxii)The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEF at Bhubaneswar. The respectiveTotAL2,37,23,6xi)The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEF at Bhubaneswar. The respectiveTotAL2,37,23,6xii)The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEF at Bhubaneswar. The respectiveTotAL2,37,23,6xii)The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEF at Bhubaneswar. The respectiveTotALCopy 3,07,2021 copies of EC dated 07.07.2021 w.r.t part transfer and amen				Maintenance cost, Electricity consumption etc. on A.P.C Device	1,98,80,100.00				
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 also be put on the web site of the company by the proponent.Copies of EC dated 07.07.2021 w.r.t part transfer and amen were submitted to DM, Paschim Medinipur vide letter 20.07.2021 and EC copy also uploaded on the website company <u>http://orissametaliks.com/qehs.html</u> .xii)The project proponent shall upload the status 			TOTAL	motanota	2,37,23,600.0				
of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEF at Bhubaneswar. The respective	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 also be put on the web site of the company by the proponent.	 Copies of EC dated 07.07.2021 w.r.t part transfer and amendment were submitted to DM, Paschim Medinipur vide letter dated 20.07.2021 and EC copy also uploaded on the website of the company <u>http://orissametaliks.com/qehs.html</u>. Copy of intimation letter is already submitted to regional office of ministry and SPCB with Six Monthly Compliance report (DEC-21) vide letter no-OMPL-I/ENV_COMPL/December-2021 dated 							
(ambient levels as well as stack emissions) or critical superiodically. It shall simultaneously be sent to the Regional Office of the MOEF at Bhubaneswar. The respective									
pollutant levels namely PM10, SO2, NOx) ambient levels as well as well as stack emissions) or critical sectoral parameters indicated for the projects shall be monitored and displayed at a convenient location near	monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEF at Bhubaneswar. The respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely PM10, SO2, NOx) ambient levels as well as well as stack emissions) or critical sectoral parameters indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public	Monitoring of criteria pollutants level namely; PM ₁₀ , SO ₂ , NOx (ambient levels as well as stack emissions) or critical sectoral parameters is done by NABL/ MOEF accredited laboratory. Emission levels of pollutants of different units is displayed on board maintained as per CPCB format issued vide File no-B-29016 NGT/C-10/2020/WM II/Div./ Dated 20 th January 2020 outside the main gate of the plant for disclosure to the public and also uploaded on the website of the company https://www.rashmigroup.com/ehs/. Electronic display board is installed at plant main gate and online							



xiii) The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environment conditions including results of monitored data	Regular reports of Monitoring and compliance are submitted t Ministry at regional office. The details of submission are enclose here with.					
(both in hard copies as well as by e-mail) to the Regional Office of MOEF, the respective Zonal Office of CPCB and the SPCB. The	Sr.	Year	Period Up To	Submission Date		
Regional Office of this Ministry at	1	2016- 2017	I st Dec 2016 I st June 2017	26.11.2016 16.05.2017		
Bhubaneswar/CPCB/SPCB shall monitor the	2	2017-	I st Dec 2017	01.12.2017		
stipulated conditions.	-	2018	I st June 2018	01.06.2018		
	3	2018-	I st Dec 2018	28.11.2018		
		2019	1 st June 2019	23.05.2019		
	4	2019-	I st Dec 2019	14.11.2019		
		2020	1 st June 2020	29.05.2020		
	5	2020-	1 st Dec 2020	30.11.2020		
	5	2021	1 st June 2021	31.05.2021		
	6	2021-	1 st Dec 2021	01.12.2021		
	0	2022	1 st June 2022	26.05.2022		
	7	2022-	1 st Dec 2022	19.11.2022		
		2023	1 st June 2023			
xiv) The environment statement for each financial			Complied			
year ending 31st March in Form-V as is		ecessary m	leasures have heen a	dopted by management of		
mandated to be submitted by the project	OMDI fo			sion on priority basis. The		
proponent to the concerned State Pollution	onvinon	•	0	format for the financial		
Control Board as prescribed under the Environment (Protection) Rules 1986, as	1100r 20			B vide letter no. OMPL-		
amended subsequently, shall also be put on		tatement/2	021-2022 dated 23.0	09.2022 and also uploaded		
the website of the company along with the	on	the	website of	the company		
status of compliance of environmental		<u>rissametali</u>	<u>ks.com/qehs.html</u> .			
conditions and shall also be sent to the						
respective Regional Office of the MOEF at						
Bhubaneswar by e-mail.						
xv) The project Proponent shall inform the public			Complied			
that the project has been accorded		oment wit	hin seven davs from	the date of issue of the		
environmental clearance by the Ministry and copies of the clearance letter are available				part transfer in two local		
with the SPCB and may also be seen at Website				the region are made. The		
of the Ministry of Environment and Forests at			,	5		
http:/envfor.nic.in. This shall be advertised		Agiltal (Dar	andi Vargian) datad 1	0.07.2021		
within seven days from the date of issue of the		Аајкаг (бег	ngali Version) dated 1	0.07.2021		
clearance letter, at least in two local		Echo of Ind	lia (English version) d	lated 10.07.2021		
newspapers that are widely circulated in the						
region of which one shall be in the vernacular						
language of the locality concerned and a copy of the same should be forwards to the Regional				mitted to regional office of		
office at Bhubaneswar.			•OMPL-I/ENV_COMPL	mpliance report (DEC-21) //December-2021 dated		
	01.12.20			a December-2021 udleu		
xvi) Project authorities shall inform the Regional			Agreed			
Office as well as the Ministry, the date of	•		-			
financial closure and final approval of the	ŀ	rivate Com	pany, no finance is ne	eeded from outside.		
project by the concerned authorities and the						
date of commencing the land development				×.		
work.				A		

PRI

OWIT

xvii)	The Ministry may revoke or suspend the	Noted
	clearance, if implementation of any of the	
	above conditions is not satisfactory.	
xviii	The Ministry reserves the right to stipulate	Agreed
	additional conditions if found necessary. The	
	Company in a time bound manner shall	
	implement these conditions.	
xix.)	Any appeal against this EC shall lie with the	Noted
	National Green Tribunal, if preferred, within a	
	period of 30 days as prescribed under Section	
	11 of the National Green Tribunal Act, 1977.	
xx.)	The above conditions shall be enforced, inter-	Noted
	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, 2003	
	and the Public Liability Insurance Act, 1991	
	along with their amendments and Rules.	
	A3-22/8/2021-IA.III [E 150512] dated 18.07.202	
I)	Sensitization of project proponents on	In order to create awareness among the employees about the
	implementation of ban on Single Use Plastic	harm/ impact of Single Use Plastic on environment as well as
	(SUP).	human health, number of banners and flex has been displayed at
		suitable place like work place, canteen & parking area etc.
		The second of the second s
		OMPL CI
		THE FRIFTING PARTY NO. IN LOT IS A SHOW NO.
		ECO FRIENDLY CARRY BAG PLASTIC CARRY BAG
		ALTERNATIVE OF SINGLE USE PLASTIC
		Contraction of the local division of the loc



ANNEXURE-I

Qualissure Laboratory Services

361, Printick Pally, 45/361, Bose Fukur Road, Kolkani +700167 Emoil: quantimmed/granil.com; inflo@qualitizare.com : Mob.No, 98312 87086 : 9836093976



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

TEST REPORT

Name & Address Of the Customer :	Report No.	: QL5/P-33/23-24/C/01
M/s. Ocissa Metaliks Pvt. Ltd.(Unit I)	Date	: 05,05.2023
Mouza-Mathurakismat & Amba, Vill-	Sample No.	: QLS/P-33/23-24/01
Gokulpur, P.O- Shyamraipur, P.S-	Sample Description	: Ambient Air
Kharagpur (L), Paschim Medinipur-	Date of performance	: 21.03.2023-27.03.2023
721301, West Bengal.	Ref No. Date	: 0122368532;Dated-27.09.2022

Analysis Result

Loca	tion 1 Near Plant Main Gate		Date of sampling : 19.03.2023-20.03.2023				
5am	pling Done by: P.Mahato	Sampling done as per : CPCB Guidelines (Volume-1					
Envi	ronmental Condition : Clear & Sunny						
SL. No.	Pollutants	Result	UMIT	Method of Test Reference			
1	Particulate matter (<10µm) in µg/m ⁴	371	100	IS: 5182 (Part-23)-(RA-2017)			
ų.	Particulate matter (<2.5µm) in µg/m [#]		60	USEPA CFR-40,Part-50, Appendix-L			
э	Sulphur dioxide (SO ₂) in µg/m ³	8.8	80	IS: 5182 (Part-2)-2001, (RA-2017)			
à	Nitrogen dioxide (NO ₁) in µg/m ⁴	31.6	ଃ୦	15: 5182 (Part-6)- (RA-2017)			
5	Carbon Monoxide (CO) in µg/m?	2000	15: 5182 (Part- 10)- (RA-2017)				

NOTE: Limit as per CPCB notification, New Delhi, 18th November 2009, for Ambient air quality.

Report Prepared By:

Varkan

for Qualissure Laboratory Services Reviewed & Authorized By

Benimadhab Goral, Chemist (Authorized Signatory)

The results relate only to the nonny) tested.

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

. The reserved pure of sumplets), except perishable sample(s), shall be retained for 30 days from the date of issue of the Test Report.





361, Prantick Pally, 45/361, Base Pukur Rand, Kolkata -700107 Email - qualitation of granil com, info@qualissure.com (Mob.No. 98312 87086); 9830093976

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

TEST REPORT

Name & Address Of the Customer :	Report No.	: QL5/P-33/23-24/C/03
M/s. Orissa Metaliks Pvt. Ltd. (Unit I)	Date	: 05.05.2023
Mouza- Mathurakismat & Amba, Vill-	Sample No.	: QL5/P-33/23-24/03
Gokulpur, P.O. Shyamraipur, P.S-	Sample Description	: Ambient Air
Kharagpur (L), Paschim Medinipur-	Date of performance	: 21.03.2023-27.03.2023
721301, West Bengal.	Ref No. Date	: 0122368532;0ated-27.09.2022

Analysis Result

Loca	tion : Shyamralpur Village	Date of sampling : 19-20.03.2023 Sampling done as per : CPC8 Guidelines (Volume-1)				
Sam	pling Done by: P.Mahato					
Envi	ronmental Condition : Clear & Sunny					
SI. No.	Pollutants	Result	LIMIT	Method of Test Reference		
1	Particulate matter (<10 μm^3 in $\mu g/m^3$	76	100	IS; 5182 (Part-23)-(RA-2017)		
2	Particulate matter (<2.5µm) in µg/m ³	37	60	USEPA CFR-40,Part-50, Appendix-L		
3	Sulphur dioxide $\{SO_2\}$ in $\mu g/m^3$	7.0	80	IS: 5182 (Part-2)-2001, (RA-2017)		
4	Nitrogen dioxide (NO2) in µg/m3	29.5	80	IS: 5182 (Part- 6)- (RA-2017)		
5	Carbon Monoxide (CO) in ug/m ^a	664	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: Raika

for Qualissure Laboratory Services Reviewed & Authorized By Benimadhab Gorai, Chemist (Authorized Signatory)

· The results relate only to the itemis) tested.

- This Test Report shall not be reproduced without the permission of Qualissure Laboratory Services.
- a. The summaries and some at the complete in a summaries to be the start for any final for the form the data of the start the filles.

2

Qualissure Laboratory Services



361, Printick Pally, 45/361, Bose Pakur Road, Kolkata -700107 Email : qualitative/igmail.com; info@qualitative.com ; Moh No. 98312 87086 ; 9830092976

DOC NO : OLS/SAMP/B8-A/00

	TEST REPOR	रा
Name & Address Of the Customer :	Report No.	: QL5/P-33/23-24/C/02
M/s. Orissa Metaliks Pvt. Ltd.(Unit I)	Date	:05:05.2023
Mouza- Mathurakismat & Amba, Vill-	Sample No.	: QLS/P-33/23-24/02
Gokulpur, P.O-Shyamraipur, P.S-	Sample Description	: Ambient Air
Kharagpur (L), Paschim Medinipur-	Date of performance	: 21.03.2023-27.03.2023
721301. West Bengai	Ref No. Date	: 0122368532;Dated-27.09.2022

Analysis Result

Loca	tion : Amba Village	Date of sampling : 19-20.03.2023				
Sam	pling Done by: P.Mahato	Sampling done as per : CPCB Guidelines (Volume-				
Envir	ronmental Condition : Clear & Sunny					
SI. No.	Pollutants	Result	UMIT	Method of Test Reference		
1	Particulate matter (<10µm) in µg/m ³	65	100	IS: 5182 (Part-23)-(RA-2017)		
2	Particulate matter (<2.5µm) in µg/m ³	29	60	USEPA CFR-40,Part-50, Appendix-L		
3	Sulphur dioxide (SO ₂) in µg/m ¹	7.2	80	15: 5182 (Part-2)-2001, (RA-2017)		
4	Nitrogen dioxide (NO2) în µg/m ^a	28.7	80	IS: 5182 (Part- 6)- (RA-2017)		
5	Carbon Monoxide (CO) In µg/m*	744	2000	15: 5182 (Part- 10)- (RA-2017)		

NOTE: Limit as per CPCB notification, New Delhi, 18th November 2009, for Ambient air quality.

Report Prepared By:

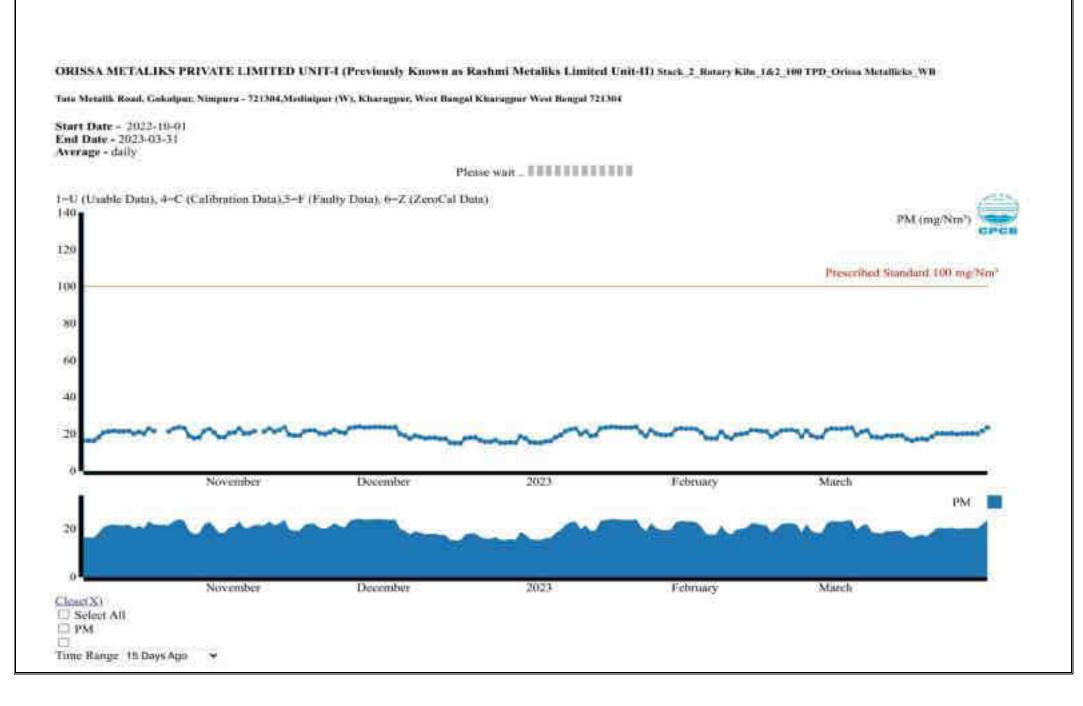
for Qualissure Laboratory Services Reviewed & Authorized By

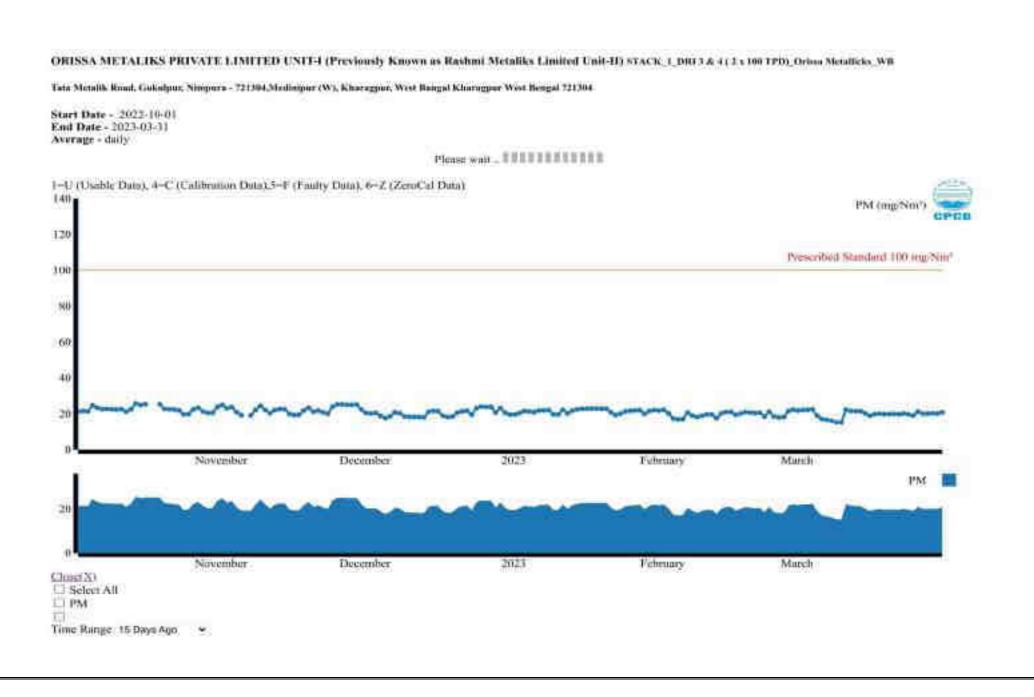
Benimadhab Goral, Chemist (Authorized Signatory)

The results relate only to the licin(s) tested.

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

The neuronal part of insumbility arrest participable commutated shall be retained for the date form the date of the second date for the test of the second date of the seco





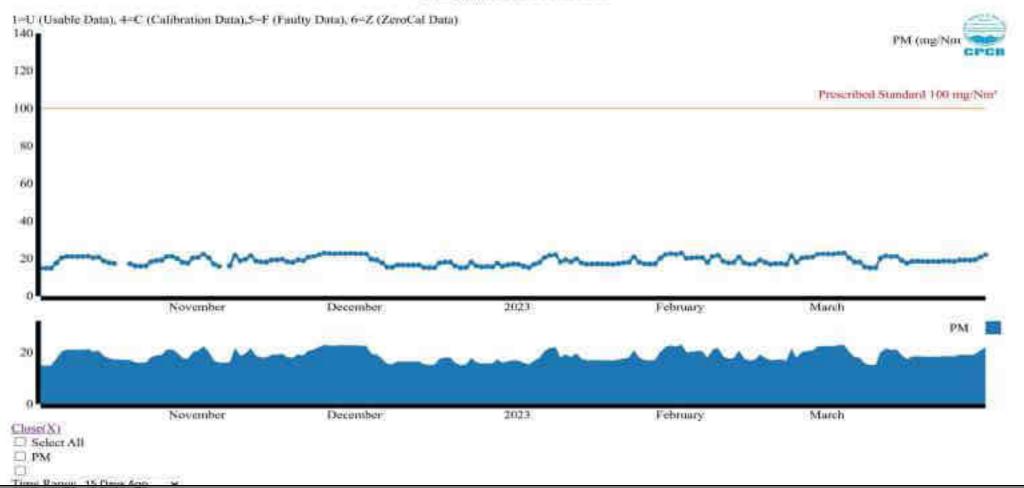
ANNEXURE : II

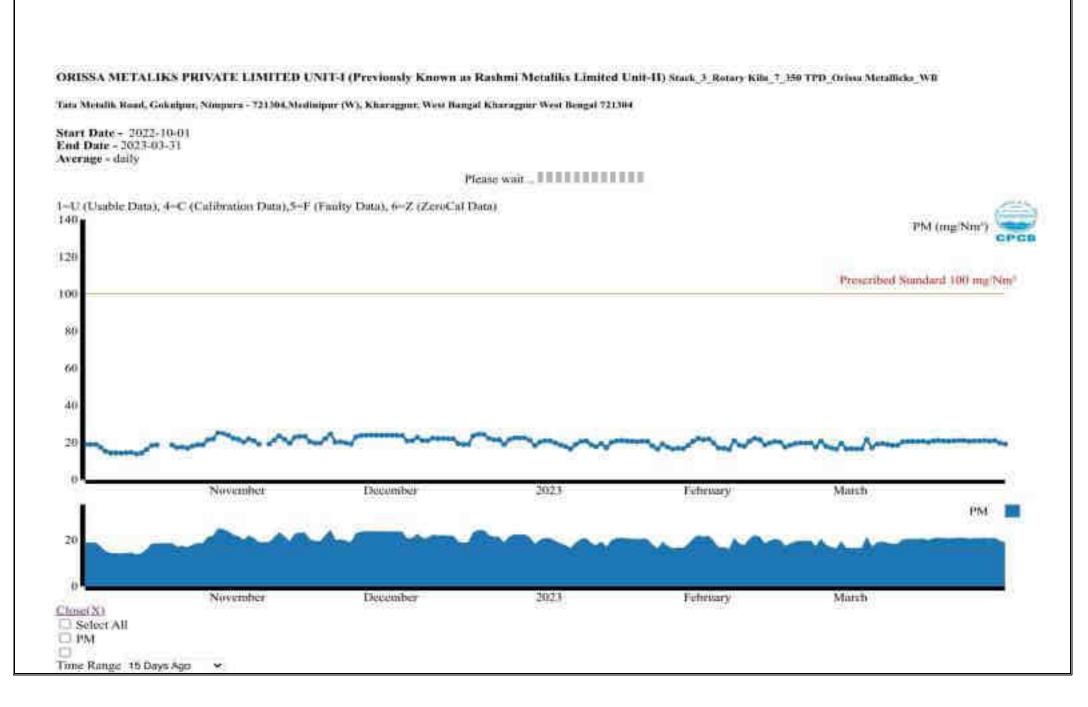
ORISSA METALIKS PRIVATE LIMITED UNIT-I (Previously Known as Rashmi Metaliks Limited Unit-II) Stock 6 DRI 5 and 6 Orina Mentalika

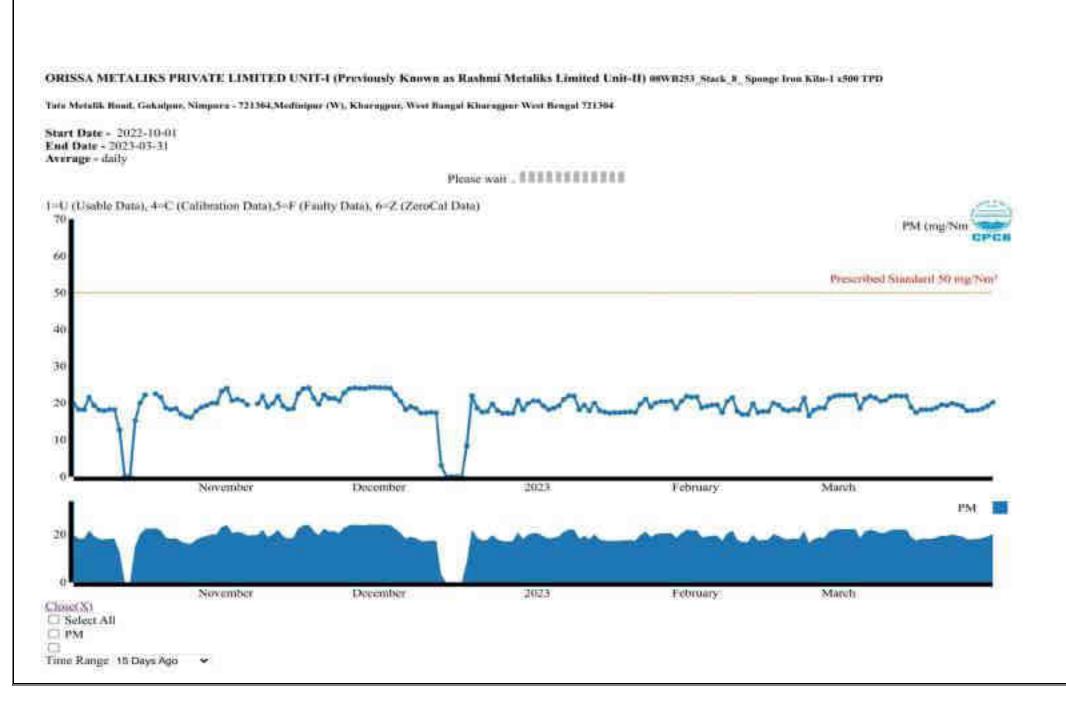
Tata Metalik Road, Gokulpur, Nimpurs - 721304, Medinipur (W), Kharuppur, West Bangal Kharappur West Bengal 721304

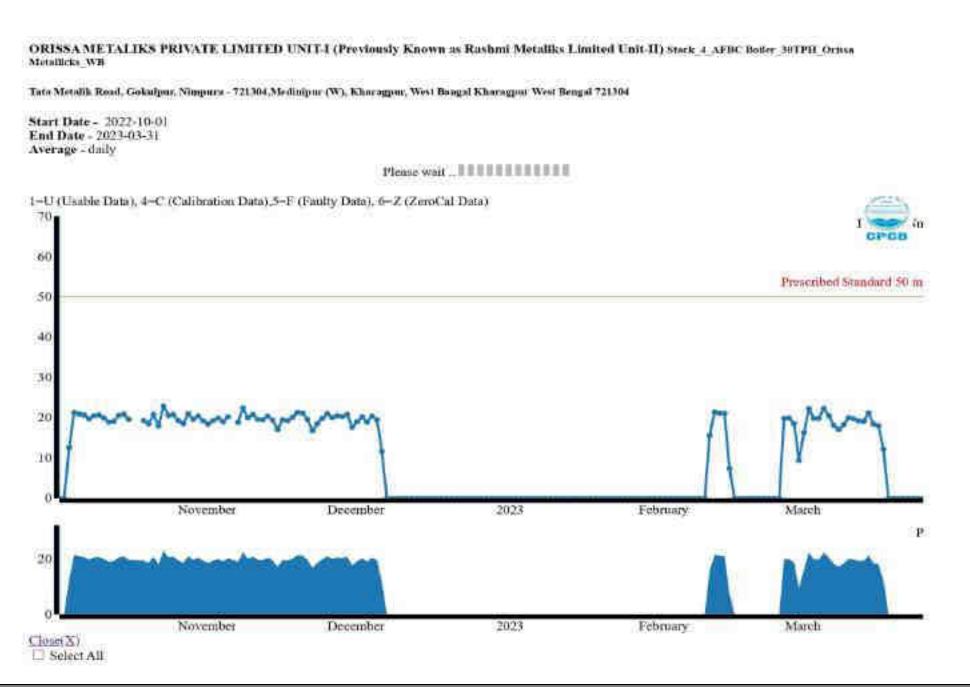
Start Date - 2022-10-01 End Date - 2023-03-31 Average - daily

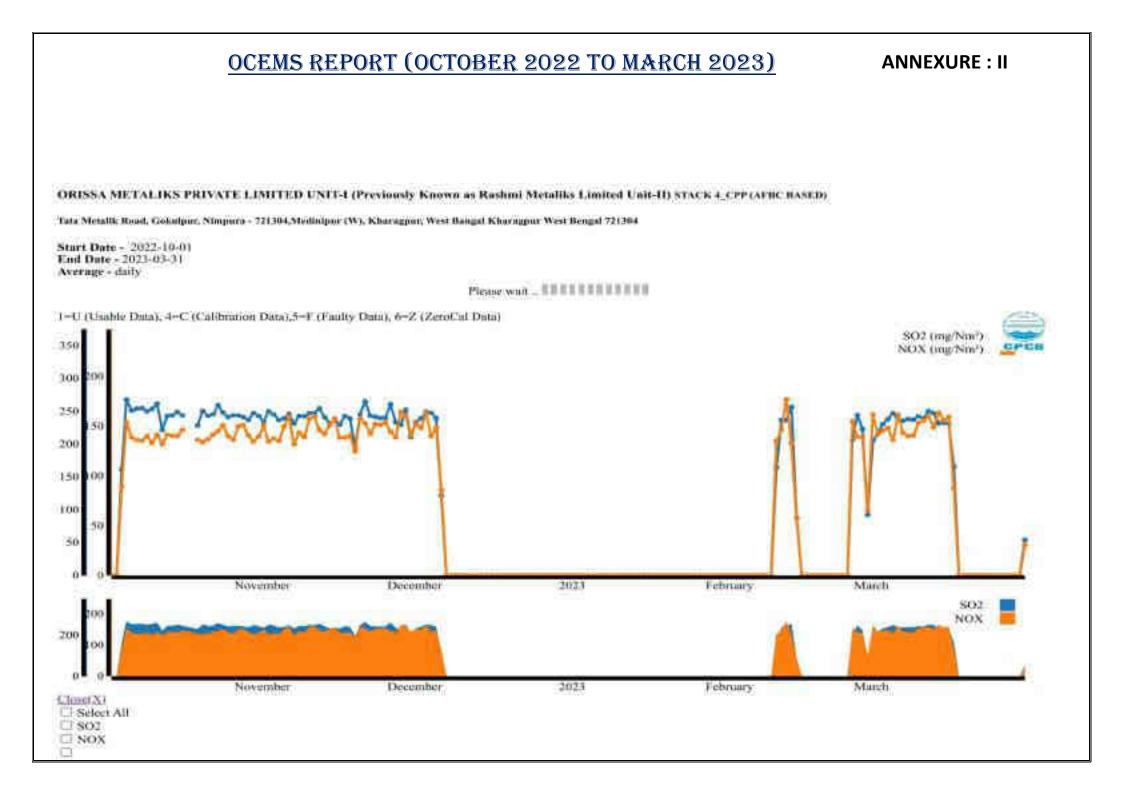












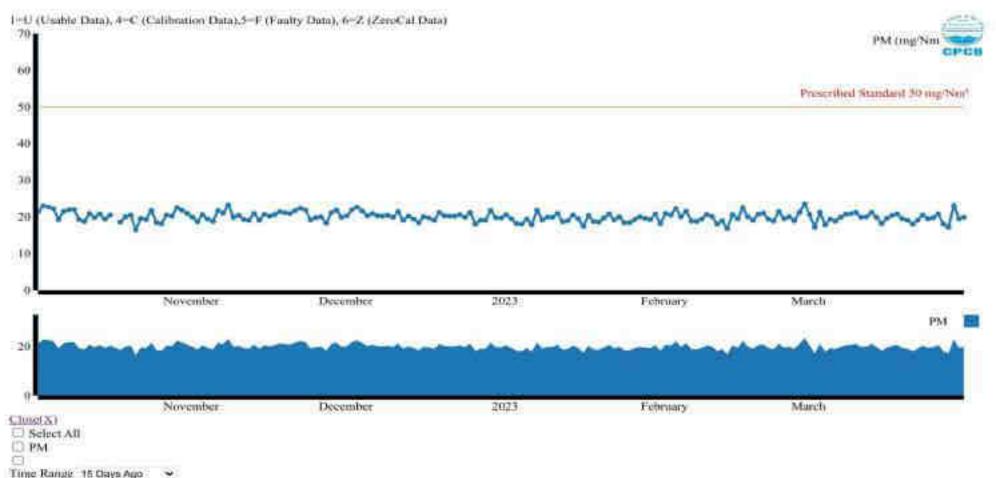
ORISSA METALIKS PRIVATE LIMITED UNIT-I (Previously Known as Rashmi Metaliks Limited Unit-II) Stack 5 CEBC Bailer, 100TPH, Orisan Metallicks, WB

Tata Metallik Boad, Gokadpur, Nisopara - 721304, Medinipar (W), Kharagpur, West Bangal Kharagpur West Bengal 721304

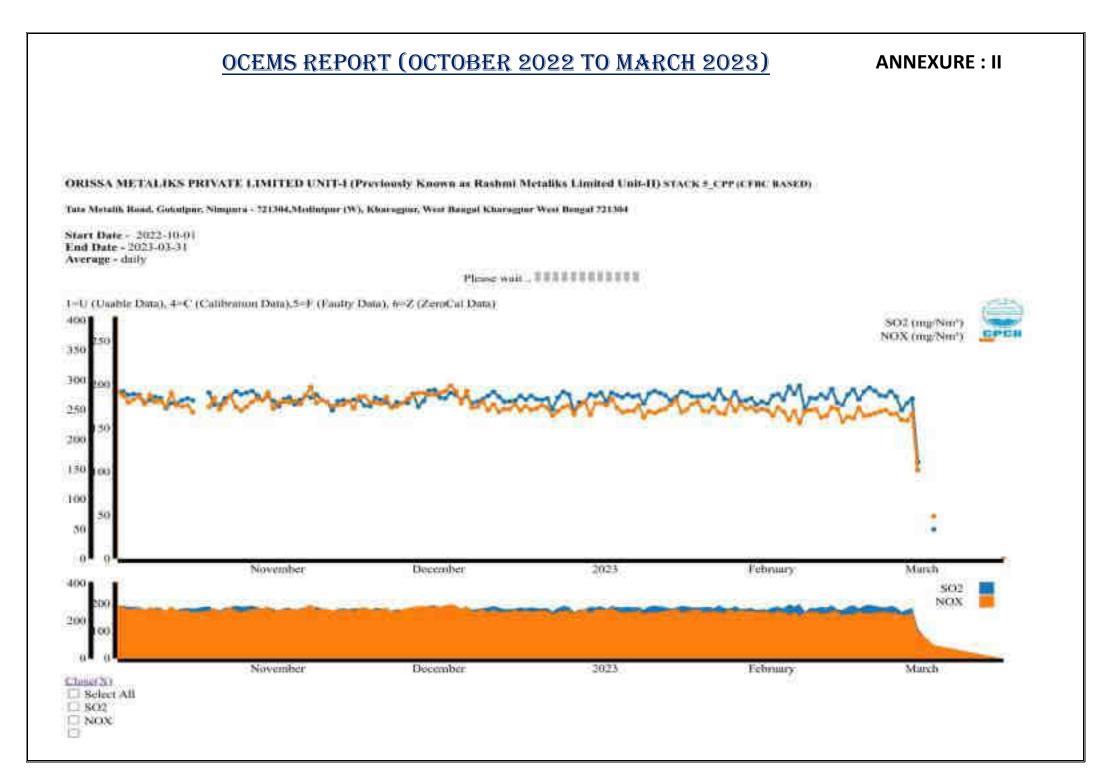
Start Date = 2022-10-01 End Date = 2023-03-31 Average = daily



ANNEXURE : II



246 61.0



ANNEXURE : III



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

Analysis Done at Haldia Regional Laboratory :

1. Name of Industry		and the state of t	M/s Orissa Metaliks (p) Ltd (Unit-1)	-	1.1.1.1.1.1.1.1		
2. Address			Vill- Gokulpor, PO- Samraipur, Kha		Paschim Medinipu		
3. Category & Type			Red, Steel plant				
Sampling Date			24/11/2022				
5. Duration of Sampling			31 min	-			
6. Name of Laboratory			S M Scientific Services				
7. Height of Stack from ground	(m)		52.0				
8. Cross section of Stack at sam	pling po	int(m ²)	3.14				
9. Stack connected to			Rotary Kiln No1 & 2 (Attached with	th comm	oon stack)		
10. Emission due to (Furnace /I	Boiler)		Oxidation Of Coal & Reduction of h	ron are			
 Average operational hours of boiler/ furnace (per month) 			720 Hrs/month				
12. APC System (if any)			ESP				
13. Working load of source (M	T/hr)		100 TPD=2				
14. Fuel used			Coal				
15: Rated Fuel consumption (K	g or I/hr)		*				
16.Working Fuel consumption	(Kg or 1/	ir)	4.0 TPH (each)				
17. Nature of Furnice /Boller			Rotary Kiln				
18.Flue gas Temp. (°C)			120.0				
 Flue gas velocity m/s 	8.25		 Volume of Flue gas drawn in lit (m³) 	1.023			
21.Corrected flue gas volume (Nm3)	0.7970		22, Percentage CO2& O2	CO ₂ -1	0.2%& O2-9.4%		
23. To be compensated at (%, I	frequired	i)	*				
24. Initial wt of thimble (gm)		1,4900	25.Final wt of thimble (gm)		1.4990		
26. WL of PM (mg)		9.0	27. Particulate matter (mg/Nm ³)		11.29		
28. Barometric Pressure Head		760 mm of Hg	29. Diameter of the nozzle		9.523 mm		
30.Others:-	1		31.Thimble No.		167		
32. Sampled by:			K. Sahoo, N C Barai AEE, HRO & P	. Mukho	rrjee, JEE, HRO		
2. Sumples of	F-12						

*Done by S M Scientific Services

Scientist

08/12/02 Are Round 08 Signature of In-Charge

Copy to:

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

ANNEXURE : III

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

Analysis Done at Haldia Regional Laboratory :

1. Name of Industry	Tax Plants	o taboratory :					
2 Address	_		M's Orlissa Metaliks (p) Ltd (Unit-1)				
3. Category & Type	_		Vill- Gökulpur, PO- Samraipur, Kharagpur, Peschim Medinipu				
4. Sampling Date			Red, Steel plant				
			24/11/2022				
5 Denition of Sampling			30 min				
h. Name of Laboratory			S M Scientific Services	-			
2. Height of Stack from groun	d (iii) b		52.0	_			
8. Cross section of Stack at sa	mpling p	cont(m ²)	3.14	1000			
9 Shack connected to			Rotary Kiln No3 & 4 (Attached w	ith comma	on stack)		
10. Emission due to (Firmace)	Hoiler)		Combustion Of Coal & Reduction c	f fron ore			
 Average operational hours of boiler/ fumace (per month) 			720 Hrs/month	e man and			
12. APC System (if any)-			ESP				
13. Working load of source (MT/hr)			100 TPD>2				
14. Fuel used			Coal				
18 Kated Fuel consumption (K	s of the)					
to Weeking Fiel consumption	(Kg.or 1	hr)	4.0 TPH (each)				
17 Nature of Furnace (Boiler			Rotary Kiln 132.0				
(8.1 far gas Temp. (°C)							
 Flue gas velocity m/s 	5.80		20. Volume of Flue gas drawn in lit (m ³)	1.02			
 Corrocted flue gas volume (SmJ) 	0.5000		22. Percentage CO2& O2	CO2-10	6%& Oz+9.0%		
 To be compensated at (%, i 	f requires	1) (1)					
4. Islinal wt of thimble (gm)		1.4386	25.Final wt of thimble (gm) 1.4504		1.4504		
3% WY, of PM (mg) 11.89		27. Particulate matter (ng Nin') 14.75					
R. Bacometric Pressure Bead		760 mm of Hg	29. Diameter of the nozzle		9.523 mm		
0.0thenc-	1		31. Thimble No.	1	62		
2. Sampled by			K. Sahoo, N C Barai AEE, HRO & P.	Mukherja	ce, JEE, HRO		
			The summer of the second secon				

*Done by S.M.Scientific Services

Scientist

Ast Signature of in-Charge

Copy to:

1111

1. Chief Engineer, O & F,WBPCB. 2. Chief Scientist, WBPCB 3. AFE & UC, H.R.O., WBPCB (two copies)

ANNEXURE : III

WEST BENGAL POLLUTION CONTROL D. DOD HALDLA REGIONAL LABOR 47-01 Righunathchuk, P.O Barghasipur, P.S. Bhshanipur, 1960 -Purba Mediaipur, 1965

Auxiviis Report of Gasenus Emusion

Analysis Done at Haldia Re	gional Li	aboratory :	Mis Orissa Metaliks Pvt. Ltd.(Unit	0			
Name of Industry	_		Vill- Gokulpur, P.S. Shyamra-par, Paschina Medinipur				
Address			Red Integrated Stort Plant				
Calcing w. 1254			24/11/2022	-			
. Sampling Date	_		28 min	_			
Duration of Sampling			Enviroclieck	_			
Name of Laboratory			SL0				
Height of Stack from ground [(111)	1.7.8.	and the second se				
Cours section of Stock at samp	ning gaile	t(m)	3.14 Rotary Kiln-5 & 6 through WHRB(attiched a	sminger ktack).		
Single connected to			Chaldation of Coal & reduction of in	on One	o manen.		
1). Estimation due 10 (Furnace /B	ailer)			400.850/ <u>*</u> -			
 As erage operational hours o (per month) 	Chailer/ S	amade	720 Inv month				
2. APC System (if any)			ESP				
3. Working load of source (M1	(inter-		100 TPD x 2 (Both Running)				
14. Furtured.			Coll				
 Hand Fact consensation (5) to Working Fact consensation (e or Uhr) Kg in Phi	1	4 TPH Each Kilm				
17 Nature of Furnice (Botler			Romry Kilo				
(8.Floe gas Temp. (°C)			130.0				
19. Flue gas velocity	10.95		20. Volume of Flue gas drawn in lit (m ³)	1.008			
10-5 21 Coerocted flue gas volume (0.9457 (Nin3)		22. Percentage CO ₂ & O ₂	02 CO2− 9.8% & O2− 10				
23. Thi be compensated at (%)	required	}					
the second se		1.5334	25:Final wr of numble (gm)	22	1.5455		
26: Wi, of PM (mp) 12.50		Contraction of the local data	27. Particulate matter (mg/Nm ²) (3.22		13.22		
		14 ST. mitt		3.52 min			
28. Bucometric Pressure Head		Contraine or the	Lange and the second	26	156		
10.Others:			31 Thimple No.		1. Sec. 1		
	_		K. Sshoo & N C Barai , AEE, HR	D&PM	akherjee, JEE, HI		
v7 Kimpled by:			The second secon				

*Done by Envirochecs.

Scyhim

Signature of In-C Harger

Date all

1 Chief Engineer, O & E,WBPCB. 2 Chief Scientist, WBPCB 1 AFE & UC, H.R.O., WBPCB (two copies)

ANNEXURE : III

WEST BENGAL POLLUTION CONTROL BOOLD HALDIA REGIONAL LABORATOOT Righmathchak, P.O Barghastpur, P.S- Bhabanipur, Hallin Purba Medmipur, 721657

Analysis Report of Gaseous Emission

Analysis Done at Haldin F	tegiounl Labora	story :				
Name of Industry			Mis Orinsa Metaliks Pvt. Ltd.(Un		A MUNICIPAL	
Address			Vill- Gokulpur, P.S. Shyamraipur, Paschim Medinipar			
Category & Type		_	Red/ Integrated Steel Plant			
Sampling Date		_	24/11/2022			
Duration of Sampling			32 min			
Name of Laboratory	4		Envirocheck			
7. Height of Stack from ground	(10)		60,0	_		
E. Cross section of Stack at sam	pling.point(m ²)		8,045	-		
V. Stuck connected to			Rotary Kiln-7 & 8 through WHRB Both were running[350 TPD & 60	(attached 0 TPD)	Continuon states),	
10 Emilysion due to (Furnace /I	Bailer)		Combustion of coal & Pellat			
 Average operational hours of boilter furnace (per munit) 			720. hts/.mooth			
12. APC System (if any)			ESP			
13. Wurking load of source (M	T(he)		Rotary Kiln 7- 320 TPD & Rotary Kiln 8 520 TPD			
14. Fuel used			Coal & Pellet			
15 Rated Fuel comumption (K	g or lint)	-				
16 Working Fuel consumption			Rotary Kiln 7-3.8 TPH, Pellei- 20 TPH & Rotary Kiln 8 - Coal- 22 TPH & Pellei- 33 TPH			
17 Nature of Furnace /Boller			Rotary Kiln(350 TPD & 600 TPD			
18 I'mie gas Tempi ("C)			135.0	_		
19. Flue gas velocity	9.32		20. Volume of Flue gas drawn in In (m ¹)	1,024		
2) Corrected flue gas volume (Nm7)	0.9702		22. Percentage CO ₃ & O ₂	CO _I -1	0.675 & O 8.874	
23. To be compensated at (%,)	(required)		*			
	1.44	11	23.1 mal wt of thimble (gm)		1.4705	
		37 Particulate moner (mg/Nm ³)		28.24		
26. We of PM empl.		min of Hg.	39. Diameter of the nozzle		9.52 min	
28. Bacometric Previore Head	1020		1 Conditioned and a second		132	
20.089485			and the second	- I. I. K.		
12. Sampled by			K. Sahoo & N.C. Barai , AEE, HRO & P. Mukherjee, JEE, HRO			

*Dote by Envirocheck

Sections

nature of In-Charge

Copy MI

1. Chief Engineer, O & E.WBPCD. 2. Chief Scientist, WBPCB 3. ALE & UC. H.R.O., WHPCB (two cupies)

ANNEXURE : III



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

Analysis Done at Haldia Replaced Laboration

1. Name of Industry			M/s Orissa Metaliks (p) Ltd (Unit-1)		
2. Address			Vill- Gokulpur, PO- Samralpur, Kharagpur, Paschim Medinipu		
3. Category & Type		Red, Steel plant			
4. Sampling Date			24/11/2022		
5. Duration of Sampling			33 min		
6. Name of Laboratory			S M Scientific Services		
7. Height of Stack from ground			60.0		
Cross section of Stack at same	pling poi	nt(m ²)	8.29		
Stack connected to		2 11 12	Rotary Kiln No9 (500 TPD)		
10. Emission due to (Furnace /E	soiler)		Combustion Of Coal & Pellet		
 Average operational hours o (per month) 	f boiler/	fumace	720 Hrs/month		
12. APC System (if any)		ESP			
13. Working load of source (M	T/hr)		470 TPD		
14. Fuel used			Coal & Pellet		
15. Rated Fuel consumption (K)	g or l/hr)				
16.Working Fuel consumption (Kg or 1/h	r)	Coal-18.0 TPH & Pellet-30.0 TPH		
17.Nature of Furnace /Boiler			Rotary Kiln		
18.Flue gas Temp. (C)			113.0		
 Flue gas velocity m/s 	7.75		 Volume of Flue gas drawn in lit (m³) 	1.023	
21.Corrected flue gas volume (Nm3)	0,7940		22. Percentage CO ₂ & O ₂	CO ₁ -1	1.0%& O _T 8.8%
23. To be compensated at (%, it	frequired)	•		
24. Initial wt of thimble (gm)	0	1.4907	25.Final wt of thimble (gm)		1.51.13
26. Wt. of PM (mg) 20.60		27. Particulate matter (mg/Nm3)		25.94	
28. Barometric Pressure Head 760 mm of Hg		29. Diameter of the nozzle		9.523 mm	
30.Others:-		31.Thimble No.	-	161	
32. Sampled by:		K. Sahoo, N C Barai AEE, HRO & P	Mukhe	ries IFF, HRO	

*Done by S M Scientific Services

Sejentist

Signature of In-Charge

Copy to:

Chief Engineer, O & E,WBPCB.
 Chief Scientist, WBPCB
 AEE & I/C, H.R.O., WBPCB (two copies).

ANNEXURE : III



WEST BENGAL POLLUTION CONTROL BOARD HALDIA REGIONAL LABORATORY Raghumathchak, P.O Barghasipur, P.S. Bhabasipur, Patha Parba Mediatipur, 721657

Analysis Report of Gasepus Emission

Analysis Done at Haldia Ro	igional L	aboratory .	M/s Orissa Metaliks (p) Ltd (Unit-1)		dition Markins from
, Name of Industry			Vill- Gokulpur, PO- Samralpur, Kharagpur, reschunt pressner-		
2. Address			Red, Integrated Steel plant		
3. Calegory & Type		24/11/2022	_		
I, Sampling Date			32 mln	_	
5. Duration of Sampling			M/S Envirocheck	-	
5. Name of Laboratory	(ma)		0.00	_	
7. Height of Stack from ground	alless mour	(fm ²)	3.14	_	
8. Cross section of Stack at same	bung bow	inter y	AFBC Boiler(30 TPH)		_
9. Stack connected to	atter?		Combustion Of Coal		
10. Emission due to (Furnace /B	(heiler)	Wenishin	720 Hrs/month		
11. Average operational hours o	t Dotter, 1	III TIME &			
(per month)			ESP		
12. APC System (if any)	COURS .		30 TPH		
13. Working load of source (MI	1149.4		Coal & Dolochar		
14. Fuel used	- ne 1/he)		-		
15. Rated Fuel consumption (K)	g or may	0	Coal-3.6 TPH & Dolochar-5.9 TPH		
16.Working Fuel consumption (while ou an	*/	AFBC Boller		
17.Nature of Furnace /Boiler	-		110.0		
18.Flue gas Temp. (°C)	9.03		20. Volume of Flue gas drawn in lit		
19. Flue gas velocity	130.92		(m ³)		
m/s	0.5501		22. Percentage CO2& O2	CO2+1	1.4%& Or-8.2%
21.Corrected flue gas volume	0,9501				
(Nm3)	Francisad	0	At 6% O ₂		
23. To be compensated at (%, i	1 tellmor		25 Final wt of thimble (gm)		1.4563
24. Initial wt of thimble (gm) 1.4334		27. Particulate matter (mg/Nm ³)		28.13	
75 Wh of PM (mm) 22.89		29. Diameter of the nozzle	-	9.52 mm	
28. Barometric Pressure Head 757 mm of Hg		29. Dimmeter of the notation	-	Contraction of the second	
30,Others:-		31.Thimble No.		157	
		Contraction of the second seco		-	
SO ₂ & NO ₂	_		K, Sahoo, N C Baral AEE, HRO & I	P. Mukh	erjee, JEE, HRC
12 Simpled by:		Teeroveniow Accession and the second			

32. Sampled by:

Copy to:

*Done by Envirocheck

68 de Signature of In-Charge

Sciphtint

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

ANNEXURE : III

WEST BENGAL FOLLUTION CONTROL BOARD HALDIA REGIONAL LABORATORY Ragiumathebak, P.O Barghusipur, P.S. Bhabasipur, Haldis Purba Medinipur, 721657

are of Industry			4/s Orissa Metalika (p) Ltd (Unit-1)		
address		1	Vill-Gokulpur, PO-Samraipur, Kharagpur, Paschim Medinipur		
Category & Type		1	ted, Integrated Steel plant	-	
Sampling Date		1	25/11/2022		
Duration of Sampling		1	27 mla		
5. Name of Laboratory		-	M/S Envirocheck		
7. Height of Stack from ground ()			52.0		
8. Cross section of Stack at samp	ling point	(m ²)	3.80	_	
9. Stack connected to			CFBC Boller(100 TPH)		_
10, Emission due to (Furnace /Bo			Combustion Of Coal & Dolochar		
 Average operational hours of (per month) 	bailer/fi	utrace .	720 Hrs/month		
12. APC System (if any)			ESP		
13. Working load of source (MT	/hr)		100 TPH, Load-92 TPH		
14. Fuel used			Coal & Dolochar		
15. Rated Fuel consumption (Ky	(or l/hr)	100	Coal-8.75 TPH & Dolochar-16.25 TPH		
16. Working Fuel consumption ()			
17. Nature of Furnace (Boiler			CFBC Boller		
18.Flue gas Temp. (C)			117.0		
19, Ffue gas velocity	10.73		20. Volume of Flue gas drawn in lit (m ³)	1.026	
21.Corrected flue gas volume (Nm3)	0.9684		22. Percentage CO ₂ & O ₂	COTI	1.0%& O ₂ -8.8%
23. To be compensated at (% i	frequired)	27		
and the second sec		1.4879	25 Final wt of thimble (gin)		1.5036
296. Entrant way on entrance Sheer?		27. Particulate matter (mg/Nm3)		16.21	
20. WL OLEWA LOLEY		29. Diameter of the nozale		9.5 mm	
28. Barometric Pressure Head 757 mm of Hg				165	
30.0thers:- SO, & NO,		31.Thimble No.		and a	
30 ₂ & NO ₂		K. Sahoo AEE,HRO			

32. Sampled by:

*Done by Envirocheck

Sejentist

Signature of in-Charge Inh2

Copy to:

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

ANNEXURE : III

WEST BENGAL POLLUTION CONTROL BOARD HALDIA REGIONAL LABORATORY Raghunathchak, P.O Barghauipur, P.S- Bhabanipur, Haldia Partia Medinipur- 721657

Analysis Done at Haldia Regional Laboration

Analysis Done at Haldia	and the second	Later a state of a sta	Mis Oriana Metalliks (p) Ltd (Unit-1)	-	_
2. Address				initi t	ACCESSION AND ADDRESS
3. Category & Type	_		Vill- Gokulpur, PO- Samralpur, Kharagpur, Paschim Medinipu Red, DRI		
4. Sampling Date		25/11/2022			
5. Duration of Sampling	_		26 min		
6. Name of Laboratory			S M Scientific Services		
7. Height of Stack from ground	d (m)		30.0		
8. Cross section of Stuck at sar		(int(m ²)	0.4558		
9. Stack connected to	7.		Cooler Discharge of DRI-1& 2(Attai	hed wi	th common stark
10. Emission due to (Furnace /	Boiler)		Process Activity	Citizen et	an someon stars.
 Average operational hours of boller/ farmace (per month) 		720 Hrs/month			
12. APC System (if any)		Bag Filter			
13. Working load of source (MT/hr)					
14. Fuel used					
15. Rated Fuel consumption (K	g or l/hr)	1	4		
16. Working Fuel consumption					
17.Nature of Furnace /Boiler			-		
18.Flue gas Temp. (°C)			41.0		
 Flue gas velocity m/s 	9.00		20. Volume of Flue gas drawn in lit (m ³)	1.014	
21.Corrected flue gas volume (Nnt3)	0.9450		22. Percentage CO2& O2		
23. To be compensated at (%, i	f required	D)	9		
24. Initial wt of thimble (gm)		1.4450	25.Final wt of thimble (gm)	-	1.4457
26, Wt. of PM (mg) 0.70		27. Particulate matter (mg/Nm ³)		0,74	
28. Barometric Pressure Head 761 mm of Hg		29. Diameter of the nozzle		9.523 mm	
30.Others:-			31.Thimble No.	-	163
32. Sampled by:			K. Sahoo, AEE,HRO		Los I
				_	

*Done by S M Scientific Services

Scientist

12/22 Signature of In-Charge

Copy to:

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

ANNEXURE : III

WEST BENGAL POLLUTION CONTROL BOARD HALDIA REGIONAL LABORATORY Raghunathchall, P.O Barghanipur, P.S- Bhabanipur, Haldia Piarba Medinipur- 721657

Analysis Done at Haldia Regional Laboratury :

	M/a Oriana Metalliks (p) Ltd (Unit-1) Ville Goluleur, PO, Commission PA	-		
	Red			
5. Duration of Sampling				
	Contraction of the second seco			
	and the second			
(m ²)	A PLEASE A			
ALTE: 2		ALC # (1)	14	
		cried w	its coniction stack.	
 Emission due to (Furnace /Boiler) Average operational hours of boiler/ furnace (per month) 		720 Hrs/moith		
12. APC System (if any)		Bas Filter		
13. Working lond of source (MT/hr)		1000 0 000		
14. Fuel used		12		
)				
	43			
	39.0			
	20. Volume of Flue gas drawn in lit (m ³)	1.008		
	22. Percentage CO2& O2	÷		
	(*) -			
24. Initial wt of thimble (gm) 1.4305		-	1.4329	
26. Wt. of PM (mg) 2.40		-	2.60	
28. Barometric Pressure Head 761 mm of Hg			9.523 mm	
	31 Thimble No.		164	
	K. Sahoo, AEE,HRO	-		
	1.4305	Red, 25/11/2022 24 min S M Scientific Services 30.0 (m ³) 0.5024 Cooler Discharge of DRI- 3 & 4(Ana Process Activity rance 720 Hrs/mointh Bag Filter - 1.4305 <	25/11/2022 24 min S M Scientific Services 30.0 (m ²) 0.5024 Cooler Discharge of DRI- 3 & 4(Anached w Process Activity mace 720 Hrs/mointh Bag Filter -	

*Done by S M Scientific Services

Scientist

for your general 12/20-Signature of In-Charge

Copy to:

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

ANNEXURE : III



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

Analysis Report of Gascous Emission

Analysis Done at Haldia Re	gional Laboratory :	M/s Orissa Metaliks Pvt. Ltd(Unit-1)		
Name of Industry	·····	Vill- Gokulpur, PS- Shyamraipur, Kha	rugpur, Dist- Paschim	
2. Address		Medinipur		
- Martin Contractor		Red/Integrated Steel Plant		
Category & Type		28/02/2023		
Sampling Date		24 min		
Duration of Sampling	all a strength	M/s Enviro Cell Laboratory		
Name of Laboratory	(m)	52.0		
Height of Stack from ground (ling point(m ²)	19 YAL		
3. Cross section of Stack at samp	ang ponatin y	Rotary kilnNo-5 & 6 , through WHRE	3(attached with a common	
9. Stack connected to		stack)		
10. Emission due to (Furnace /B	oiler)	Oxidation of Coal & reduction of Iron	1 ore	
10. Emission due to (Purhace Pa	f boiler/ furnace	720 hrs/month		
 Average operational hours of boiler/ furnace (per month) 				
12. APC System (if any)		ESP		
13. Working load of source (MT	7/hr)	100 TPD(Each Kiln)		
14. Fuel used		Coal		
15. Rated Fuel consumption (Kg	g or l/hr)	·		
16.Working Fuel consumption (Kg or l/hr)	Coal-5.2 TPH & Iron Ore-6.7 TPH(Each Kiln)		
17.Nature of Furnace /Boiler		Rotary Kiln		
18.Flue gas Temp. ("C)		145.0	1.000	
19. Flue gas velocity	7.08	20. Volume of Flue gas drawn in lit (m ³)	1.008	
21.Corrected flue gas volume (Nm3)	0.9654	22. Percentage CO ₂ & O ₂	CO2-9.6% & O2-9.8%	
23. To be compensated at (%, if required)		At 12% CO2		
24. Initial wt of thimble (gm) 1.6352		25.Final wt of thimble (gm)	1.6498	
26. WL of PM (mg) 14.60		27. Particulate matter (mg/Nm3)	18.90	
28. Barometric Pressure Head 755 mm of Hg		29. Diameter of the nozzle	12.7 mm	
30.Others:		31.Thimble No.	325	
32. Sampled by:		A, Das & K, Sahoo, AEE, HRO		

*Done by M/s Enviro Cell Laboratory

Scientist

Copy to:

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

3. AEE & I/C, H.R.O, WBPCB (two copies)

09 0003 Signature of In-Charge

ANNEXURE : III

WEST BENGAL POLLUTION CONTR OL BOARD HALDIA REGIONAL LABORATORY Raghumathchak. P.O Barghasipur, P.S- Bhabarripur, Haldia Purba Medinipur- 721657

Analysis Report of Gaseous Emission

Analysis Done at Haldia R	egional Laboratory :	M/s Orissa Metaliks Pvt. Ltd(Unit-1)		
Name of Industry		VIII- Gokulpur, PS- Shyamraipur, Kharagpur, Dist- Paschim		
. Address		Medinipur		
Category & Type		Red/Integrated Steel Plant		
1. Sampling Date		27/02/2023		
5. Duration of Sampling		25 min		
o. Name of Laboratory		M/s Enviro Cell Laboratory		
7. Height of Stack from ground	(m)	52.0		
3. Cross section of Stack at sam	pling point(m ²)	3.14	Dec. 1 1 11	
9. Stack connected to		Rotary kilnNo-3 & 4 , through WHR stack)		
10. Emission due to (Furnace /E	loiler)	Oxidation of Coal & reduction of Iro	n ore	
 Average operational hours of boiler/ furnace (per month) 		720 hrs/month		
12 APC System (if any)		ESP		
13. Working load of source (M	F/hr)	100 TPD		
14 Fuel used		Conl		
15. Rated Fuel consumption (K	g or l/hr)	*		
16. Working Fuel consumption	(Kg or I/hr)	Conl-5.2 TPH & Iron Ore-6.7 TPH		
17.Nature of Fornace /Boiler		Rotary Kiln		
18.Flue gas Temp. (°C)		142.0	110	
19. Flue gas velocity m/s	6.53	20. Volume of Flue gas drawn in lit (m ³)	1.0	
21.Corrected flue gas volume (Nm3)	0.9609	22. Percentage CO ₂ & O ₂	CO2-10.0% & O2-9.6%	
23. To be compensated at (%, i	(required)	At 12% CO2		
A CONTRACTOR OF A CONTRACTOR OFTA CONT		25.Final wt of thimble (gm)	1.4600	
24. Initial wt of thimble (gm) 1.445 26. WL of PM (mg) 15.50		27. Particulate matter (mg/Nm ²)	19.36	
28. Barometric Pressure Head 755 mm of Hg		29. Diameter of the nozzle	12.7 mm	
		31.Thimble No.	321	
30.Others:		A, Das, AEE, HRO & P.Mukherjee,	1. The second	
32. Sampled by:		The busiced the contracted by	and the second s	

*Done by M/s Enviro Cell Laboratory

Sangi Scientist

021 202 Signature of In-Charge

Copy to:

Chief Engineer, O & E, WBPCB.
 Chief Scientist, WBPCB
 AEE & UC, H.R.O, WBPCB (two copies)

ANNEXURE : III

WEST BENGAL POLLUTION CONTROL BOARD HALDIA REGIONAL LABORATORY Reghunathchak, P.O Barghasipur, P.S- Bhabanipur, Haldia Purba Medinipur- 721657

Analysis Report of Gaseous Emission

Analysis Done at Haldia F 1. Name of Industry	a subarnary	M/s Orissa Metaliks Pvt, Ltd(Unit-1	1)	
2. Address		Vill- Gokulpur, PS- Shyamralpur, Kharagpur, Dist- Paschim Medinipur		
3. Category & Type		Red/Integrated Steel Plant		
4 Sampling Date		28/02/2023		
5. Duration of Sampling		27 min		
6 Numic of Laboratory		M/s Enviro Cell Laboratory		
· Height of Stack from ground	(m)	30.0		
8 Cross section of Stack at sam	pling point(m?)	0.5024		
 Stack connected to 		Cooler Discharge of DRI 1 & 2(atta (Both running)		
10. Emission due to (Furnace /E	Boiler)	Process Activity(Cooling Of Sponge	e Iron)	
 Average operational hours of boiler/ furnace (per month) 		720 hrs/month		
12. APC System (if any)		Common Bag Filter		
13. Working load of source (M	T/hr)			
14. Fuel used		NIL		
15. Rated Fuel consumption (K				
16.Working Fuel consumption	(Kg or l/hr)	NIL		
17 Nature of Furnace /Boiler		Cooler Dischrage		
18.Flue gas Temp. (°C)	2-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	42.0	1.002	
19. Flue gas velocity m/s	8.10	20. Volume of Flue gas drawn in lit (m ³)	1.026	
21.Corrected flue gas volume (Nm3)	0.9925	22. Percentage CO ₂ & O ₂	CO2<0.2% & O2-20.6%	
23. To be compensated at (%, if	(required)	249		
24. Initial wt of thimble (gm)	1.5398	25.Final wt of thimble (gm)	1.5610	
26. Wt. of PM (mg) 1.20		27. Particulate matter (mg/Nm ³)	4.21	
28 Barometric Pressure Head	755 mm of Hg	29. Diameter of the nozzle	9.53 mm	
30 Others:		31.Thimble No.	319	
32. Sampled by:		A, Das & K, Sahoo, AEE, HRO		

*Done by M/s Enviro Cell Laboratory

generglush.

Scientist

Copy to:

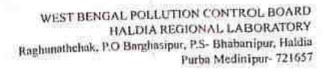
Chief Engineer, O & E, WBPCB.
 Chief Scientist, WBPCB
 AEE & I/C, H.R.O, WBPCB (two copies)

23

03

E 09/03/2022 Signature of In-Charge

ANNEXURE : III



Analysis Done at Haldia Reg	Anatysis Repo	rt of Gaseous Lansan		
Analysis Done at Hardin Reg Name of Industry	ional cathornions	M/s Orissa Metaliks Pvt. Ltd(Unit-1)	manue Diet, Poschim	
Address		M/s Orissa Metaloca The Shyamraipur, Kharagpur, Dist- Paschim Vill- Gokulpur, PS- Shyamraipur, Kharagpur, Dist- Paschim Medinipur		
Category & Type		Red 27/02/2023		
4. Sampling Date		25 min		
5. Duration of Sampling		M/s Enviro Cell Laboratory		
6 Name of Laboratory	\$	60.0		
7. Height of Stack from ground (r	n) tra natation?\	3.20		
8. Cross section of Stack at sampl	ing point(in)	Rotary kilnNo-9 through WHRB		
9. Stack connected to	Hard)	Combustion of Coal & Pellet		
10 Emission due to (Furnace /Bo	hellest firmane	720 hrs/month		
 11 Average operational hours of boiler/ furnace (per month) 				
12 APC System (if any)		ESP		
13. Working load of source (MT	hr)	470 TPD		
14 Fuel used		Coal & Pellet		
18 Rated Fuel consumption (Kg	or l/hr)			
In.Working Fuel consumption (Kg or l/hr)			
17 Nature of Furnace /Boiler		Rotary Kiln		
18 Flue gas Temp. (°C)	Western	160.0 20. Volume of Flue gas drawn in lit	1.0	
19. Flue gas velocity	6.76	(m ³)	CO2-10.0% & O2-9.6%	
21.Corrected flue gas volume	0.9546	22. Percentage CO ₂ & O ₂	CO1-10.078 & 03-3.076	
(Nm3)		At 12% CO2		
23. To be compensated at (%, if required)			1.5430	
24. Initial wt of thimble (gm) 1.5243		25.Final wt of thimble (gm) 27. Particulate matter (mg/Nm ³)	23.51	
76 Wt of PM (mg) 18.70		29. Diameter of the nozzle	12,7 mm	
28. Barometric Pressure Head 755 mm of Hg		29. Diameter of the hozzie		
A State of the second s		31.Thimble No.	322	
30.Others:		A, Das, AEE, HRO & P. Mukherjee, JEE, HRO		

2

Annissis Report of Gasenus Emission

32. Sampled by:

*Done by M/s Enviro Cell Laboratory

03 23 Scientist

09/10 Signature of In-Charge

Copy to:

Chief Engineer, O & E, WBPCB
 Chief Scientist, WBPCB
 AEE & I/C, H.R.O, WBPCB (two copies)

ANNEXURE : III

1

ĥ

3

3



WEST HENGAL POLLUTION CONTROL BOARD HALDIA REGIONAL LABORATORY Raghunathchak, P.O Barghasipur, P.S- Bhabanipur, Haldin Purba Medinipur, 721657

Analysis Done at Haldia Regional Laboratory

1. Name of Industry		M/s Orissn Metaliks Pvt. Ltd(Unit-1)		
2. Address		Vill- Gokulpur, PS- Shyamraipur, Kharagpur, Dist- Paschim Medinipur		
3. Category & Type		Red/Integrated Steel Plant		
4 Sampling Date		28/02/2023		
5 Duration of Sampling		25 min		
e Name of Laboratory		Mis Enviro Cell Laboratory		
" Height of Stack from ground a		60.0		
S. Cross section of Stack at samp	oling point(m ²)	8,29		
 Stack connected to 		Rotary Kiln No7 & 8Through WHF stnck)	tB(attached with commo	
10. Emission due to (Furnace /B	oiler)	Combustion Of Coal		
 Average operational hours of boiler/ furnace (per month) 		720 hrs/month		
12. APC System (if any)		ESP		
13. Working load of source (MT	(/hr)	Kiln 7-320 TPD, Kiln8-580 TPD		
14. Fuel used		Coal		
15. Rated Fuel consumption (Kg	g or I/hr)	·		
16.Working Fuel consumption (Kg or l/hr)	Kiln No.7 -17.8 TPH(Coal),18.5 TPH(Pellet), Kiln No8-32.5 TPH(Coal), 33.0 TPH(Pellet) Rotary Kiln		
17 Nature of Furnace /Boiler				
18.Flue gas Temp. (°C)	34	140.0		
19. Flue gas velocity	6.55	20. Volume of Flue gas drawn in lit (m ¹)	1.0	
21.Corrected flue gas volume (Nm3)	0.9641	22. Percentage CO ₂ & O ₂	CO2-10.6% & O2-8.8%	
23 To be compensated at (%, if required)		At 12% CO ₃		
24 Initial wt of thimble (gm) 1.5020		25.Final wt of thimble (gm)	1.5249	
26. Wt. of PM (mg) 22.90		27. Particulate matter (mg/Nm3)	26.84	
28. Barometric Pressure Head	755 mm of Hg	29. Diameter of the nozzle	L2.7 mm	
30.Others:		31.Thimble No.	324	
32. Sampled by:		A, Das & K, Sahoo, AEE, HRO		

*Done by M/s Enviro Cell Laboratory

Scientist

Copy to:

Chief Engineer, O & E, WBPCB.
 Chief Scientist, WBPCB
 AEE & I/C, H.R.O, WBPCB (two copies)

03 9,023 09 Signature of In-Charge

ANNEXURE : III

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

Analysis Done at Haldia Regional Laboratory :

1 Name of Industry	segunar caboratory			
2. Address		M/s Orissa Metaliks Pvt. Ltd(Unit-1 Vill, Golulour, PS, Shoomrainor, V		
		Vill- Gokulpur, PS- Shyamraipur, Kharagpur, Dist- Paschim Medinipur		
3. Category & Type		Red/Integrated Steel Plant		
4. Sampling Date		28/02/2023		
5. Duration of Sampling		24 min		
6. Name of Laboratory		M/s Enviro Cell Laboratory		
7. Height of Stack from ground		52.0		
8, Cross section of Stack at sam	upling point(m2)	3.80		
9. Stnck connected to		CFBC Boiler(100 TPH)		
10. Emission due to (Furnace /H		Combustion Of Coal & Dolochar		
 Average operational hours of boiler/ furnace (per month) 		720 hrs/month		
12, APC System (if any)		ESP		
13. Working load of source (MT/hr)		90 TPD		
14. Foel used		Coal		
15. Rated Fuel consumption (K	g or l/hr)			
16 Working Fuel consumption	(Kg or l/hr)	Coal-11.0 TPH & Dolochar-11.0 TPI	н	
17.Nature of Furnace /Boiler		Boiler		
 Flue gas Temp. (°C) 		128.0		
 Flue gas velocity m/s 	12.08	20. Volume of Flue gas drawn in lit (m ³)	1.008	
21.Corrected flue gas volume (Nm3)	0.9591	22. Percentage CO ₂ & O ₃	CO2+11.0% & O2+8.4%	
23. To be compensated at (%, if required)		At 6% O2 -		
24. Initial wt of thimble (gm)	1.4610	25.Final wt of thimble (gm)	1.4812	
26. WL of PM (mg) 20.20		27. Particulate matter (mg/Nm3)	25.07	
28. Barometric Pressure Head	755 mm of Hg	29. Diameter of the nozzle	9.53 mm	
30.Others:	1	31.Thimble No.	+326	
32. Sampled by:		A, Das & K, Sahoo, AEE, HRO		

*Done by M/s Enviro Cell Laboratory

09 Scientist

09 3/2023 Signature of In-Charge

Copy to-

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

ANNEXURE : III

WEST BENGAL POLLUTION CONTROL BOARD HALDIA REGIONAL LABORATORY Raghunathebak, P.O Barghasiper, P.S- Bhabanipur, Haidia Parba Medinipur- 721657

Analysis Done at Haldia Regional Laboratory

1. Name of Industry	SOT DUMATING PROPAGATION	Min Orinsa Metallits Pvt. Ltd(Unit-1)		
2. Address		Vill- Ookulpur, PS- Shyamraipur, Kharagpur, Dist- Paschim Medinipur		
3. Category & Type		Red		
4. Sampling Date		27/02/2023		
5. Duration of Sampling		27 min		
6. Name of Cabormory		M/s Enviro Cell Laboratory		
* Height of Stack from ground	(m)	52.0		
8 × rose section of Stock at sam	pling point(m*)	3.14		
4 Stack connected to		Rotary kiln No-1 & 2 through WHR stuck)	B(attached with common	
10, Emission due to (Furnace /R	Boiler)	Oxidation of Coal & Reduction of In	DET OVE	
 Average operational hours of boiler/ furnace (get manth) 		720 hrs/month		
12 APC System (if any)		ESP		
13. Working load of source (M	1/6/)	100 TPD		
14. Fuel used		Coal		
15. Rated Fuel consumption (K	g or l/hr)	And a many a second and		
10. Working Fuel consumption	(Kg or 1/lu')	Coal-5.2 TPH & Iron Orn-6.7 TPH		
17.Nature of Furnace /Boiler		Rotary Kiln		
18.Flue gas Temp. ("C)		135.0	10	
 Flue gas velocity m^b 	6.28	20. Volume of Flue gas drawn in lit (m ³)	1.026	
21.Corrected flue gas volume (Nm3)	0.9795	22. Percentage CO ₂ & O ₇	CO2-9.8% & O2-9.6%	
23. To be compensated at (%, it	f required?	At 12% CD ₂		
24. Initial wt of thimble (gm) 1.5302		25.Final wt of thimble (gm)	1,5446	
26 Will of PM (ring) 14.40		27. Particulate matter (mg/Nm ²)	18.00	
38 Hammeinic Pressure Head 755 mm of Hg		29. Diameter of the nozzle	12.7 mm	
30 Others:		31. Thimble No.	323	
32. Sampled by:		A, Das, AEE, HRO & P.Mukherjee, JEE, HRO		

*Done by M/s Enviro Cell Laboratory

07.3 Scientist

fint calosinos Signature of In-Charge

Copy to:

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

ANNEXURE-IV

Qualissure Laboratory Services



303, Pramick Patly, 45:301, Bess: Pakur Road, Kotkans -700107 Emul : qualinemen@gmail.com; info@epadissure.com : Mob.No. 98312 87086 : 9830(93976 DOC NO 1 OLS/SAMP/08 A/00

TEST REPORT

Name & Address Of the Customer :	Report No.	: QL5/P-33/23-24/C/04
M/s. Orissa Metaliks Pvt. Ltd. (Unit I)	Date	- 05.05.2023
Mouza- Mathurakismat & Amba, Vill-	Sample No.	: QLS/P-33/23-24/04-08
Gokulpur, P.O- Shyamraipur, P.S-	Sample Description	: Fugitive Air Monitoring
Kharagpur (L), Paschim Medinipur-	Date of performance	: 21.03.2023-27.03.2023
721301, West Bengal.	Ref No. Date	: 0122368532 Dated 27.09.2022

Analysis Result of Fugitive Air

Environmen	tal Condition : Clear & Sunny		
Sampling do	ine as per : CPCB Guidelines (Volun	ne-1)	
Sample No.	Location	Date of Sampling	Total Suspended Particulate Matter in µg/m [†]
04	DRI Plant Area		325
05	CPP Area	19.03.2023	336
06	Near Fly Ash Silo Area		995
07	Product House		602
08	Truck Parking Area	20.03.2023	252

NOTE: Fugitive emission Standard - 4000 µg/m³ as per Environment (Protection) rules, 1986

Report Prepared By:

for Qualissure Laboratory Services Reviewed & Authorized By

Benimadhab Goral, Chemist (Authorized Signatory)

· The results relate only to the itemis) tested.

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

. The reserved part of samplets), except perishable sample(s), shall be retained for 30 doys from the date of issue of the Test Report.

ANNEXURE-V



Qualissure Laboratory Services

161. Prantick Pally, 45/361, Bore Pukar Road, Kolkuta -700107 Local qualissure@genal.com; info@qualissure.com; Mob.No. 98312 87086; 9830093976



		DOC NO : QLS/SAMP/08-D/0					
TEST REPORT							
Name & Address Of the Customer :	Report No. Date	: QLS/P-33/22-23/C/15 : 28.04.2023					
M/s. Orissa Metaliks Pvt. Ltd.(Unit I)	Sample No.	: QLS/P-33/22-23/C/15					
Mouza- Mathurakismat & Amba, VIII- Gokulpur, P.O- Shyamralpur, P.S- Kharagpur (L), Paschim Medinipur- 721301, West Bengal.	Sample Description Sample Location Period Of Analysis Sample Drawn On Ref No. Date	: Leachate : Dolochar : 21.03.2023 : 22.03.2023-27.03.2023 : 0122368532;Dated-27.09.2022					
Ar	nalysis Result						

SL No.	Parameters	Test Method	Result	Limit as per Hazardous & Other waste (management and Transboundary Movement Rules) Schedule-2		
1	Zinc (as Zn) in mg/l	APHA 24th Edition-2023, 3111 B	0.87	250		
2	Lead (as Pb) in mg/l	APHA 24th Edition-2023, 3111 B	0.41	5.0		
3,	Copper (as Cu) in mg/l	APHA 24th Edition-2023, 3111 B	0.46	25.0		
4.	Cobalt (as Co) in mg/l	APHA 24th Edition-2023, 3111 B	0.39	80.0		
5.	Nickel (as Ni) in mg/i	APHA 24th Edition-2023, 3111 B	0.82	20.0		
6.	Arsenic (as As) in mg/l	APHA 24th Edition-2017, 3114 8	<0.01	5.0		
7.	Mercury (as Hg) in mg/l	APHA 24th Edition-2023, 3111 B	<0.001	0.2		
8.	Total Chromium (as Cr) in mg/l	APHA 24th Edition-2017, 31118 Cr	0.62	5.0		
9	Manganese (as Mn) in mg/l	APHA 24th Edition-2023, 3111 B	1.4	10.0		

Report Prepared By:

for Qualissure Laboratory Services Reviewed & Authorized By C Coberna Bishnupriya Baneriye, Chemist (Authorized Signatory)

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

· The results relate only to the tien(s) 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.

1.9

11

ANNEXURE - VI

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

1	a)	Name of the Project :	M/s. Orissa Metaliks Pvt. Ltd. (Unit-I) - Sponge Iron Plant ($6 \times 100 + 1 \times 350 + 1 \times 500 + 1 \times 600$ TPD)- 7,80,000 TPA along with 83 MW captive power plant (WHRB - 52 Mw + AFBC - 6 MW + CFBC - 25 MW)					
	b)	Environment Clearance Nos. :	File No. J-11011/229/2007-IA.II(I), Dated: 12/06/2008, 10/12/2008, 12/02/2015, 06/01/2017, 30/08/2018 & 26/12/2019					
2	Loca	ation, Block/ Sub. Div./ Dist./ State:	Mouza – Mathurakismat & Amba, Village - Gokulpur, P.O Shyamraipur, P.S Kharagpur, District - Paschim Medinipur, West Bengal					
3	Add	ress for communication :	1, Grastin P Kolkata - 70	lace, Orbit House, 3rd Floc 0 001	or, Room No - 3B,			
	Exis	ting Vegetation in the area/ region :	Industrial La	and				
4	a) Species (trees/shrubs/grasses/climbers)		NA					
	b)	Major prevalent species of each type	NA					
	Lan	d Coverage by the project						
5	a)	Total area under the project	40 Acres					
,	b)	Area covered for basic infrastructure (roads/building/factory etc.)	26.8 Acres					
	Deta	ails about natural vegetation	Industrial La	and				
6	a)	Name and number of tree/species failed	NA					
	b)	Name and number of plant species still available in the area	NA					
	c)	By protecting the area will indigenous stock come up	NA					
	d)	Extend of greenbelt developed	13.2 Acres (33%)					
	Plar	ntation required to be carried out as per						
	a)	Conditions of Environmental Clearance in ha./Nos.	13.2 Acres (33%)					
7	b)	Conditions for forest act (c) Clearance in ha./Nos.	NA					
	c)	Voluntary in no. for green belt development in nearby area	2265@ Rs. 108 per sapling					
	Deta	ails of Plantation						
		Plantation Details (Category wise &	Year of Plantation	Species Planted	Quantity			
		methodology used)		Krishnachura	100			
				Sissoo	100			
				Mahogany	100			
				Neem 100				
8				Chhatim 100				
	a)	a)		Kadam	100			
		4	2022-23	Bakul	100			
		SA WETA		Bottle/ Fox/Arica Palm 30				
		E SE		Siris 100				
		Net 713		Karanja 55				
		P		Amaltas 50				
		1 TIMIN		Arjun 100				
				Sonajhuri 65				

<u> ANNEXURE - VI</u>

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

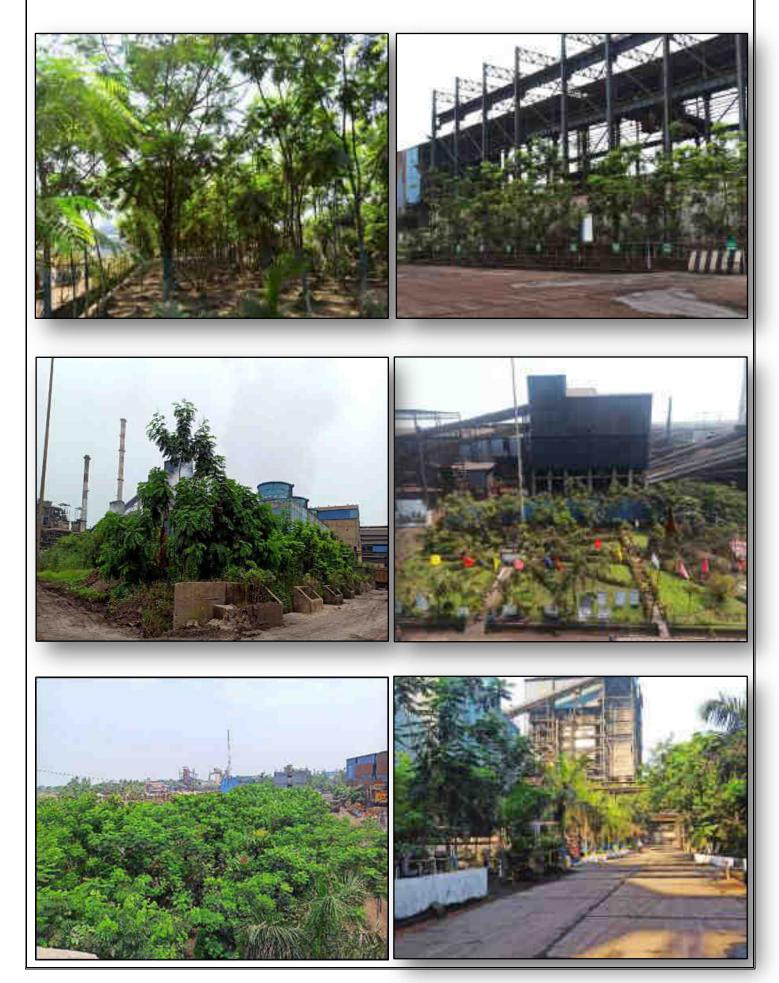
					Yel	low O	leand	er		100
					Palash			65		
						Gua	iva		250	
					Та	bebui	a rose	ea	150	
					(Conoca	arpus			150
						Jar	ul		100	
						Lam	bu		100	
						Gan	nar		100	
						Neruim Mahua Inka, Dalhia, Pitunia, Chandra			100	
									50	
					Inka,					120
	b)	Survival of Plantation	Before 2019	20)19-20	2020	0-21	2021	L-22	2022-23
		Total seeding / Plantation (No.)	3000	(6500	100	000	35	00	3265
	5,	Survival Trees (No) as on date from date of EC	1500	(6045			32	55	3036
		Survival	50%		93%			93%		93%
9	Age	Agency carrying out plantation and maintenance		Our own horticulture department & third party						arty
10	10 Financial details (year wise) plantation wise and item wise		Sl. No.		Year		Funds allocated (Rupees)		Expenditure made including voluntarily tree plantation cost (Rupees)	
			1	2022 2023		10 50 000		10,62,600		



ANNEXURE - VI

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

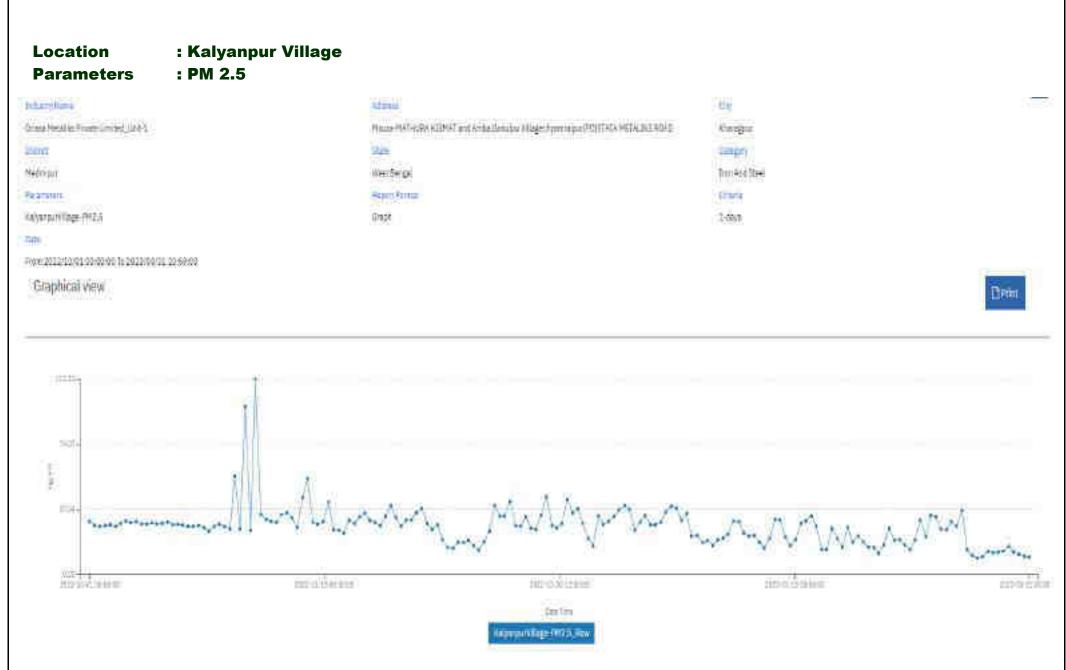
PHOTOGRAPH

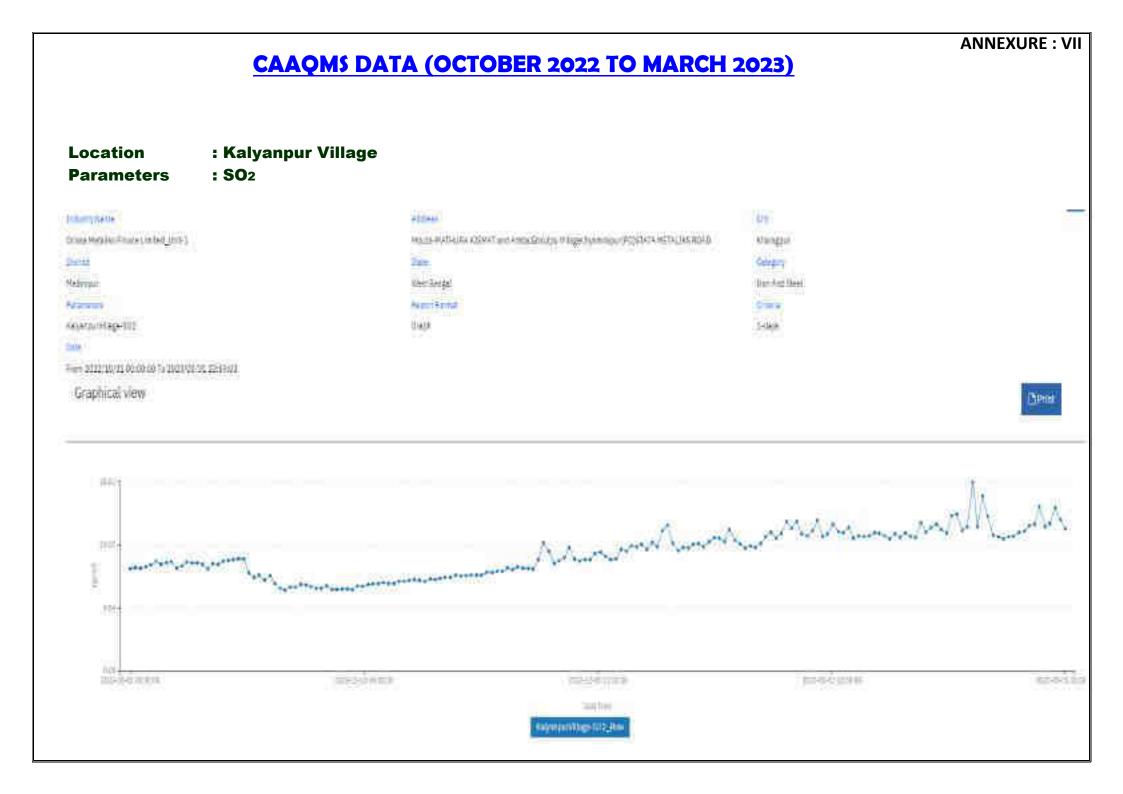


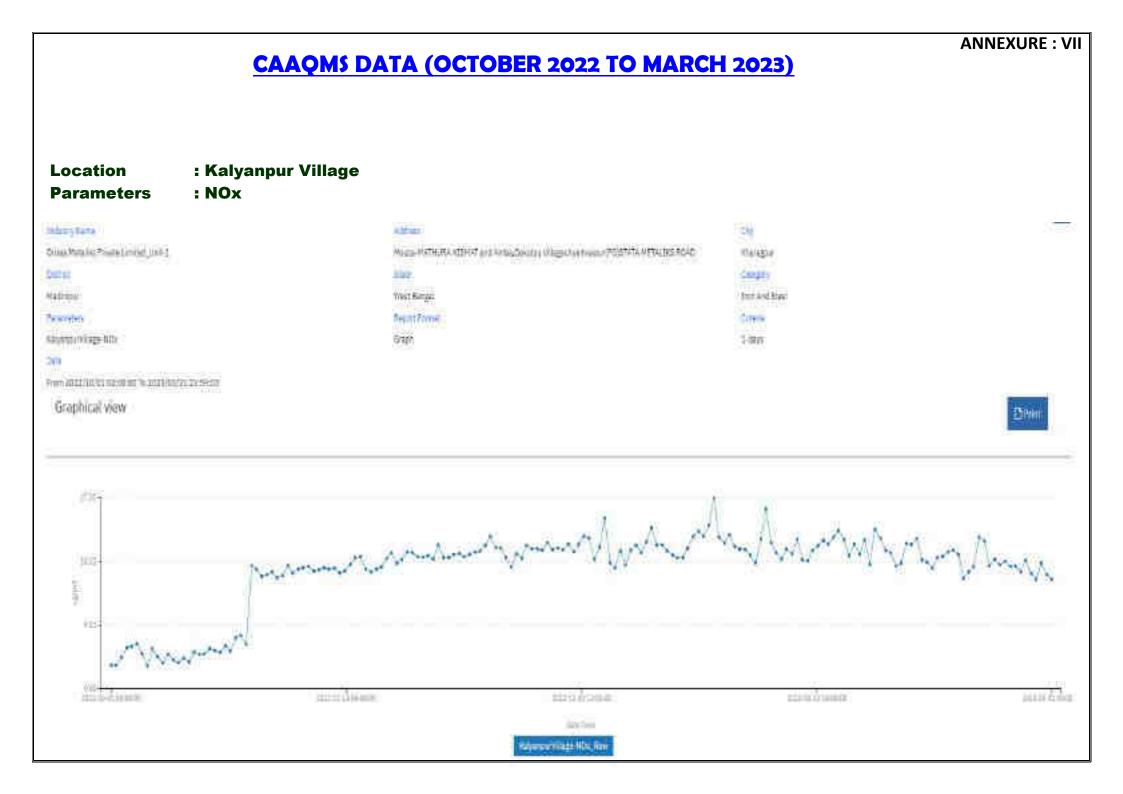




ANNEXURE : VII







Location : Kalyanpur Village

Parameters

multipliants

OBH:

retogal

Parateta t

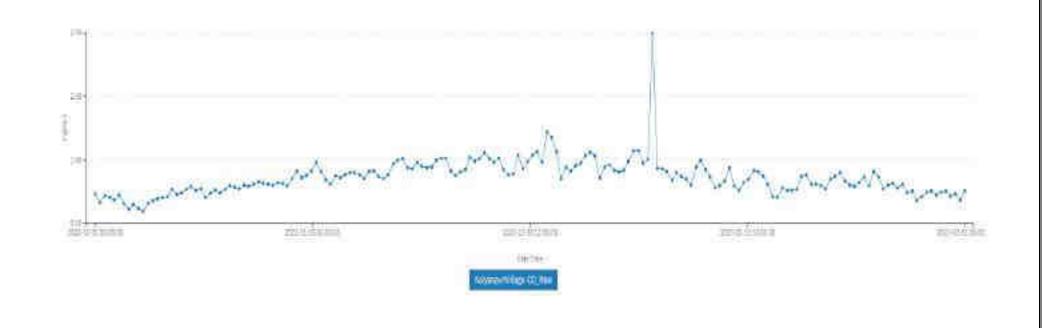
20

: CO



Fors 1022 50/01 41 00:00 To 1022 42/01 10:59/01 Graphical Vew





ANNEXURE : VII

ANNEXURE : VII

Bem

Location : Panchrulia Station

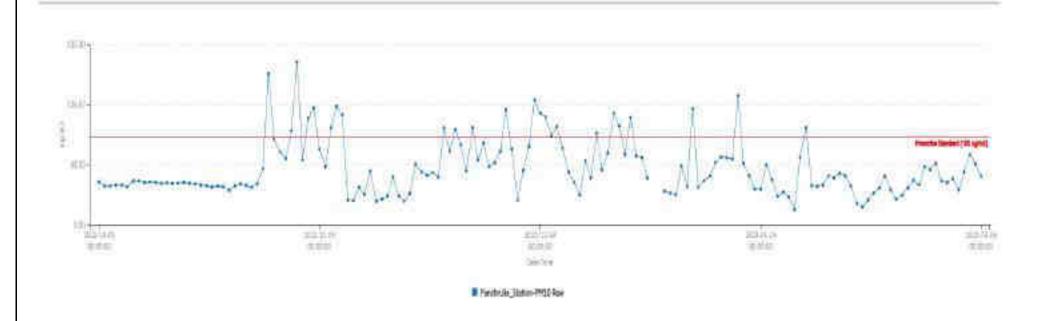
Parameters

: PM 10



LINE STRATE AND THE OFFICE STRATE STRATE

Graphical elew



ANNEXURE : VII

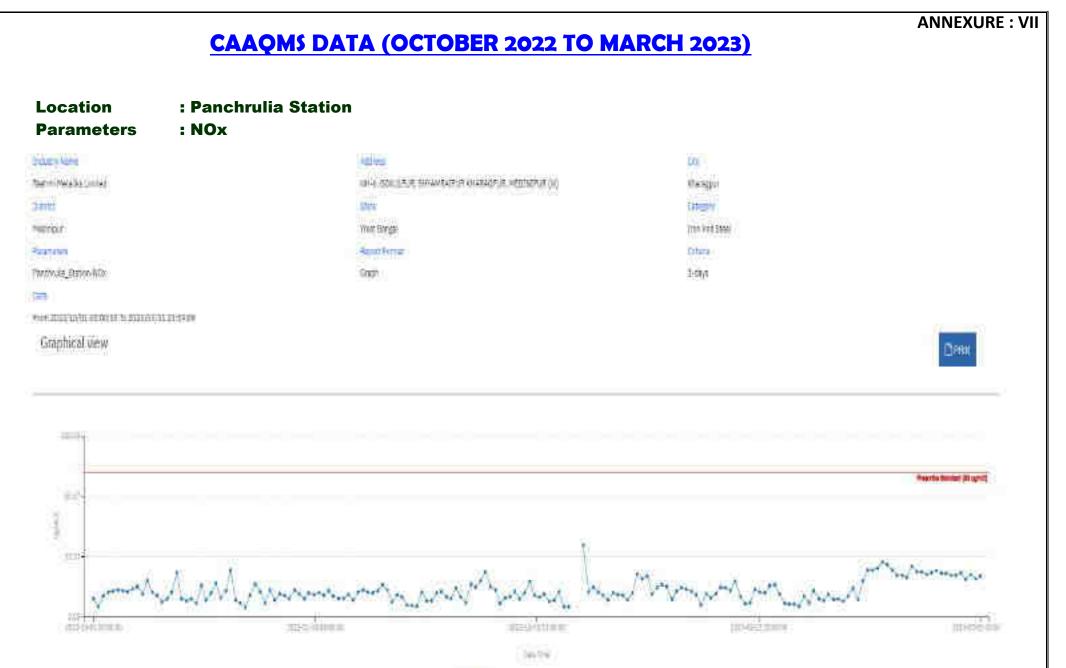
Location : Panchrulia Station **Parameters** : PM 2.5 Address didente liane 24 Ratheri Matalas Lantad NH-L. CORDAN, M. SHPAMERING CONTRACTORS STORED (NO. No. of Lot of Lo 23/2111 120 Careford P. Nabrypet 1st And Steel THEOREM AND Paurstert. Reputrime CITE Romula Steles PREF 1917 1-97 Tim. From 2012 10/03-00:00 % 2028 UL/00 28 84:00 Graphical view Cent 10074 100 1 10.12

ANNEXURE : VII CAAQMS DATA (OCTOBER 2022 TO MARCH 2023) Location : Panchrulia Station : SO2 **Parameters** John Name Addapp 1.2 Authorithetilite (mittal NAVA GENELATER SHAREN BERKREINER MARKEN MEDINALE WI (See and the second Partie 140 जन्द्रन Natrine (in) Bergal Thin Fight Start HantBerral Criste 725252000 Permite Bate/600 1483 Dech) 2414 From 2022/10/01 (0550-02 1) 2020/05-00 (21-57/04 Graphical view 1 Final 2010 and a Denser 10 of the ***** 046 Ē 12.1 1.84

and in the second secon

111.11.1.1.1.1

entra la la Asaline



R Aucturia Same Worldan



Parameters

: CO

Iduatly Garrie	\. Add: 488		10/00	
erm Hydre United	19545. SCHOLPOR, SHRAMARURI	HHARADPUR, MESSADPUR (VIL	0 a sp ar	
init	State		Talagoy	
sinte.	Plant Zanggal		Der Ant stad	
eanthai	Negert format		ATTANTIA	
andrula_Removie	(hap)		3-days	
er :				
1999 (1997) 199 (1997) (1997) (1997) (1997) (1997)				
Graphical view				Brin
64/6-5				
				Presenting Standards 10 regimts
			Includition	Meetin Skeaut (Ingel
			instructions	Nextly Decisi (Ingel)

ANNEXURE : VII

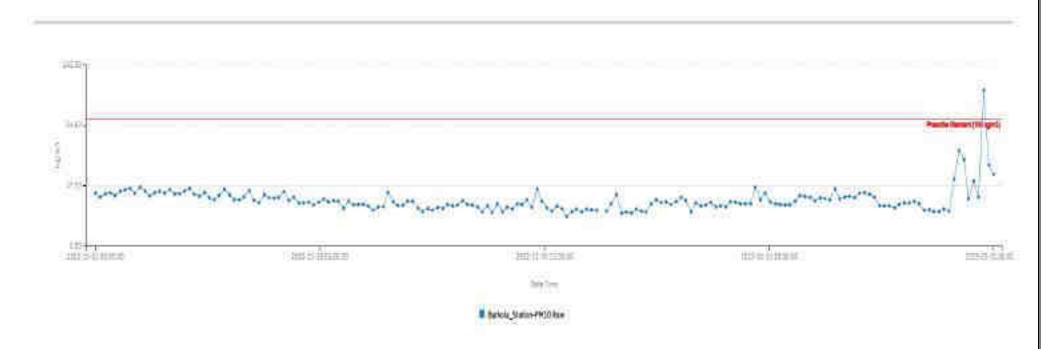
Location : Barkola Station

Parameters

: PM 10



Graphical view



ANNEXURE : VII

DWH

Location : Barkola Station

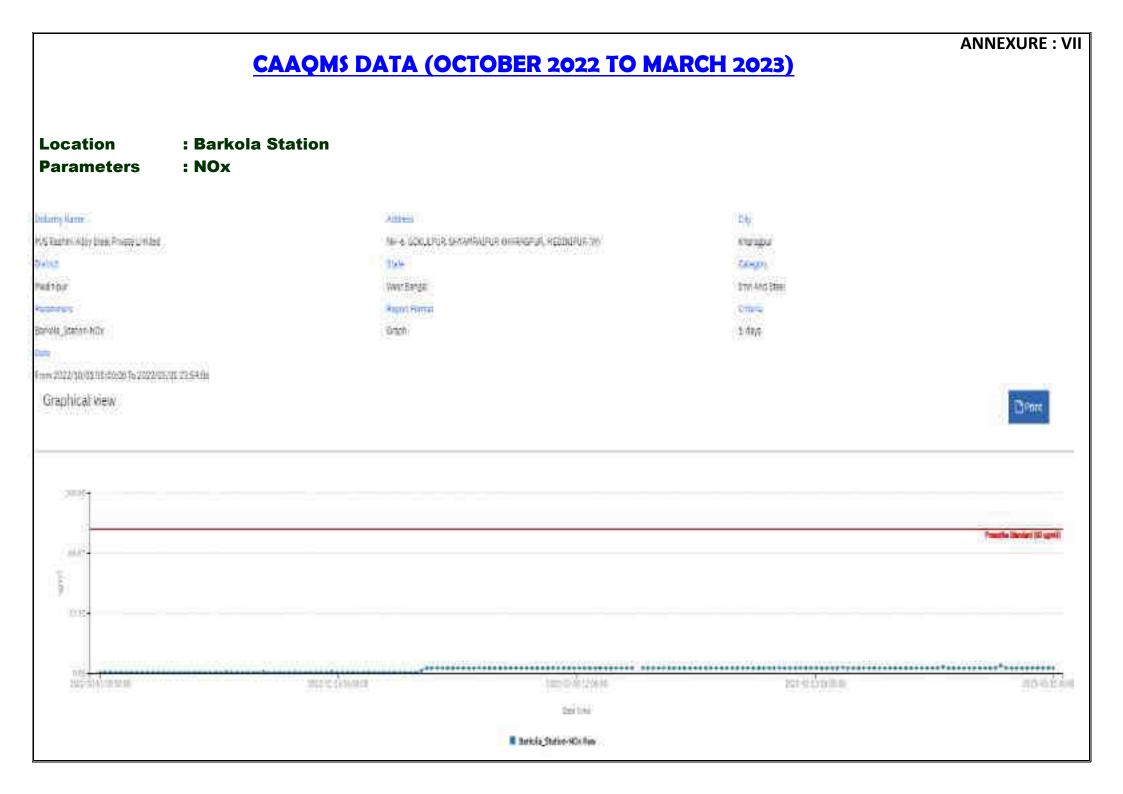
Parameters

: PM 2.5



ANNEXURE : VII





ANNEXURE : VII CAAQMS DATA (OCTOBER 2022 TO MARCH 2023) Location : Barkola Station **Parameters** : CO IndumyName 纳 A Breet M.S.Retm Wag Deel Processment NEW, BRUEPUR, SHOOPERPERIORERUPUR, HERDIPUR, MIL El terright i THEFT 2121 Calumin ! Witt Bergill 1011 Acc 3161 Mittio/ Tegint Person Criteria -Passan 1000 Baileis 2mm-CD Graph: 153 Print 2022 FIGURE COLOR TO TO 2022 ADV/22 COLOR IN Graphical view 1 min (13)*r* 1,1215 Ì 111 - Descentes and a second s MIN-SHITERON 2016/010-011 CALCULATION OF THE OWNER. 11259-11 H H 1015-25-01.0010 Inter Trees IN THE PARTY OF THE OWNER

THE PARTY SHOULD HAVE

ANNEXURE-VIII



Qualissure Laboratory Services

361, Pramick Pally, 45/361, Boye Pukur Road, Kolkata -700107 Errorl : qualivence/ggmail.com, info@qualimum.com ; Mob.No. 98312 87086 ; 9850093976



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

TEST REPORT

Name & Address Of the Customer :	Report No.	: QL5/P-33/22-23/C/14	
M/s. Orissa Metailiks Pvt. Ltd.(Unit I)	Date	: 28.04.2023	
wijs, onsse wermins eve. Ltd.(unit i)	Sample No.	: QLS/P-33/22-23/C/14	
Mouza- Mathurakismat & Amba, Vill-	Sample Description	STP Water	
Gokulpur, P.O- Shyamralpur, P.S-	Sample Mark	: STP Outlet	
Kharagpur (L), Paschim Medinipur-	Sample Drawn On	: 21.03.2023	
721301, West Bengal,	Date of Performance	: 22.03.2023-27.03.2023	
1997-989 (A-1997-0-7-1 98 93)	Ref No. Date	: 0122368532;Dated-27.09.2022	

Analysis Result

SI. No.	Parameter	TEST METHOD	Result	Limit as per CPCB for discharge of effluents	
31-110.	Parameter	TEST METHOD	Result	Inland Surface Water	Public Sewers
1	pH at 25 ⁹ C	APHA 23 ^{nl} 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 ^{re} Edition-2017, 2540 D	22	100	600
3.	Chemical Oxygen Demand (as COD) mg/l	APHA-23 rd Edition-2017, 5220B	39	250	-
4	Biochemical Oxygen Demand (as BOD) mg/l	IS 3025 (Part 44)-1993, RA:2014	11	30	350
5	Oil & Grease in mg/l	APHA 23 ^H Edition-2017, 5520A	<1.4	10	20

Report Prepared By:

for Qualissure Laboratory Services Reviewed & Authorized By Bishnupriya Banerjee/ Chemist (Authorized Signatory)

-End of the Report-----

The results relate only to the item(s) tested.

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 Text Report



Qualissure Laboratory Services

361, Frantick Pally, 45/361, Bose Pukur Road, Kolkata - 760107 f.mail : qualessare/ggmail.opm; info@qualissure.com ; Mab.No. 98312 87086 ; 9830093976



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

TEST REPORT

Name & Address Of the Customer :	Report No.	: QLS/P-33/22-23/C/13	
	Date	: 28.04.2023	
M/s. Orissa Metaliks Pvt. Ltd.(Unit I)	Sample No.	: QLS/P-33/22-23/C/13	
Mouza- Mathurakismat & Amba, Vill-	Sample Description	: STP Water	
Gokulpur, P.O. Shyamraipur, P.S.	Sample Mark	: STP inlet	
Kharagpur (I.), Paschim Medinipur-	Sample Drawn On	: 21.03.2023	
721301, West Bengal.	Date of Performance	: 22.03.2023-27.03.2023	
121301, west bengan	Ref No. Date	: 0122368532;Dated-27.09.2022	_

Analysis Result

				Limit as per CPCB for discharge of effluents	
SI. No.	Parameter	TEST METHOD	Result	Inland Surface Water	Public Sewers
12	pH at 25° C	APHA 23 ^{rt} Edition-2017, 4500 H+	7,37	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	74	100	600
3,	Chemical Oxygen Demand (as COD) mg/l	APHA 23 rd Edition-2017, 52208	196	250	1442
4,	Biochemical Oxygen Demand (as BOD) mg/l	IS 3025 (Part 44)-1993, RA:2014	51	30	350
5:	Oil & Grease in mg/l	APHA 23 ^{id} Edition-2017, 5520A	11.2	10	20

Report Prepared By:

for Quelissure Laboratory Services Reviewed & Authorized By 18 P Chies Bishnupriya Banerjee, Chemist (Authorized Signatory)

-End of the Report------

The results relate only to the item(s) tested.

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

The reserved pure of sample(s), except perishable sample(s), shall be retained for 30 days from the date of issue of the Text Report.



361, Primitek Pally, 45/361, Bose Pukir Road, Kotkinii -700107 Email - qualissure@gmail.com; infn@qualissure.com i Moh.No. 98112 87086 ; \$830093976



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

TEST REPORT

Name & Address Of the Customer :	Report No.	: QL5/P-33/22-23/C/12	
M/s. Orissa Metaliks Pvt. Ltd.(Unit I)	Date	; 28,04.2023	
S	Sample No.	+QLS/P-33/22-23/C/12	
Mouza- Mathurakismat & Amba, Vill-	Sample Description	: Effluent Water	
Gokulpur, P.O- Shyamraipur, P.S-	Sample Mark	: ETP Outlet	
Kharagpur (I.), Paschim Medinipur-	Sample Drawn On	: 21.03.2023	
721301, West Bengal.	Date of Performance	: 22.03.2023-27.03.2023	
Concernant of Sectors (Bells)	Ref No. Date	: 0122368532;Dated-27.09.2022	

Analysis Result

SI. No.	Parameter	TEST METHOD	Result	Limit as per CPCB for discharge of effluents	
	Faranieser	TEST METHOD		Inland Surface Water	Public Sewers
1,	pH at 25° C	APHA 23 rd Edition-2017, 4500 H+	7.61	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	32	100	600
3.	Chemical Oxygen Demand (as COD) mg/l	APHA 23 rd Edition-2017, 52208	98	250	
4.	Biochemical Oxygen Demand (as BOD) mg/l	l5 3025 (Part 44)-1993, RA:2014	24	30	350
35	Oil & Grease in mg/l	APHA 23 rd Edition-2017, 5520A	2.9	10	20

Report Prepared By:

for Qualissure Laboratory Services Reviewed & Authorized By Biolomyprya Banerjee, Chemist

(Authorized Signatory)

End of the Report-

The results relate only to the item(s) tested.

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

The reserved part of sample(s), except perishable sample(s), shall be retained for 30 days from the date of items of the Test Period

Qualissure Laboratory Services

361, Frantick Pally, 45/361, Bost Pukur Read, Kofkata -700107 Email : qualissure@gmail.com, info@qualissure.com ; Moh.No. 98312 87086 ; 9830093976

TEST REPORT



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

ULR No. : TC627123000000579F Name & Address Of the Customer : Report No. : QLS/P-33/22-23/C/11 :06.05.2023 M/s. Orissa Metaliks Pvt. Ltd. (Unit I) Date: Sample No. : QL5/P-33/22-23/C/11 Mouza- Mathurakismat & Amba, VIII-Sample Description : Ground Water Gokulpur, P.O- Shyamrainur, P.S-Sample Mark : Tap Near DRI Plant Kharagpur (I.), Paschim Medinipur-Sample Drawn On : 21.03.2023 721301, West Bengal. Date of performance : 22.03.2023-27.03.2023 Ref No. Date : 0122368532;Dated-27.09.2022

Analysis Result

a la transfer de la compañía de la c		(A) Microbiological Analysis		
SI. No.	Characteristic	Limit as periS 10500; 2012 Amd. 2	Test Method	Result
2.	Total Coliform Bocteria/100ml	Not Detectable	15 15185-2016	Not Detected
2.	E. coll/100ml	Not Detectable	15 15185-2016	Not Detected

2005	73193be	A STREET WESTERN	15 10500:2012 Ar		
Si. Na.	Test Parameter	Test Method	Acceptable Limit	Permissible Limit	Result
11	Colour in Hauen Units	15 3025 (Part 4): 1969 (6A 2012)	\$	- 15	5
2	Odour	(\$ 3025 (Part 5): 1983 (RA 2012)	Agreeable	Agrecutilo	Agreeable
4	pH Value at 25°C	IS 3025 (Part 11): 1984 (RA 2012)	65-85	No Relaxation	7.18
4	Turbidity in NTU	(\$ 3025 (Part 10): 1984 (RA 2012)	1	2. Cont. 2. Cont	<1.0
5	Total Dissolved Solids (as TDS) in mg/l	15 3025 (Part 16): 1984 (RA 2012)	500	2000	354
 € 	Aluminium (as Al) in mg/l	IS 3025 (Part 55): 2003 (IIA 2034)	0.03	0.2	<0.01
7.	Ammonia as NH _a in mg/l	IS 3025 (Part 34): 1988(9A 2014)	0.5	No Relaxation	<0.5
8	Caldom(as Ca) in mg/i	IS 3025 (Part 40): 1991(RA 2014)	75	203	63.2
9	Chloride(as CI) in mg/l	15 3025 (Part 32): 1988 (RA-2014)	250	1000	87.2
10.	Copport as Cut in mg/t	IS 3025 (Part 42): 1992(RA 2014)	0.05	1.5	<0.02
11.	Fluoride(as F) in mg/i	APHA 23rd Edition 2017, 4500 F D	1.0	2.5	<0.1
12	Free Residual Olderine in mg/l	IS 3025 (Part 26): 1986(RA 2024)	0.2	1.0	<0.1
18	iron (as Fe) in mg/t	15 3025 (Part 53): 1988(RA 2014)	1.0	No Relaxation	0.35
-24	Magnesium(as Mg) in mg/l	15 3025 (Part 46): 1994(KA 2014)	30	100	33.4
15.	Manganese (as Mn) in mg/l	15 3025 (Part 59): 2006 (ILA 2014)	0.1	0.3	<0.05
16	Nitrate (as NO ₄) in mgA	(§ 3025 (Part 34): 1988(RA 2014)	45	No Relaxation	1.32
37.	Sulphote (as 50.) in mg/l	IS 3025 (Part 24): 1996 (RA 2014)	200	400	28.3
18.	Alkalinity(as CaCO ₅)in mg/l	15 3025 (Part 23): 1986(RA 2014)	200	600	228.8
19	Total Hardness (as CaCO ₃) in mg/l	15 3025 (Part 21): 2013	200	600	297.0
20.	Cadmium(as Cd) in mg/l	15 3025 (Part 41): 1992(#A 2014)	0.003	No Relavation	\$0.002
21.	Cyanide(ac Cn) in mg/l	15 3025 (Part 27): 1986(RA 2014)	0.05	No Relexation	<0.02
22.	insd(as Pb) in mg/l	15 3025 (Part 47): 1994 (RA 2014)	0.01	No Relaxation	<0.0I
23.	Mercury(as Hg) In mg/l	IS 3025 (Part 48): 1994(KA 2014)	0.001	No Relaxation	<0.001
24,	Anienic(as Aa) in mg/l	15 3025 (Part 37): 1988 (#A 2014)	0.01	No Refexation	<0.01
25.	Zinc(at Zn) in mg/l	(5 3025 (Part 49): 1994 (RA 2014)	5	15	0.25
26.	Total Chromium (as Cr) in mg/l	15 3025 (Port 52): 2014(RA 2014)	0.05	No Relaxation	<6.05

Report Prepared By:

for Qualissure Laboratory Services

Reviewed & Authorized By

Chakesbonty Soumy Chakraborty, Microbiologist (Authorized Signatory) A 2149

Bishnupriya Banorjeo, Chemist

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

Reviewed & Authorized By

(Authorized Signatory)

for Qualissure Laboratory Services

The results relate only to the itemts) tested.

- This Test Report shall not be reproduced without the permission of Qualissure Laboratory Services.
- The reserved part of summerless, except perishable sample's), shall be retained for 30 down from the date of leave of the Toxy D.

ANNEXURE-IX

Qualissure Laboratory Services

564, Prantick Pally, 45361, Boye Putter Road, Kolkam -200107 Invari - qualisametigamali com: influi qualitaire com ; Mob No. 98312 82086 ; 2820022276



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

	TEST REPORT	T
Name & Address Of the Customer :	Report No.	: QLS/P-33/23-24/C/09A
M/s. Orissa Metaliks Pvt. Ltd.(Unit I)	Dote	: 05.05.2023
Mouza- Mathurakismat & Amba, Vill-	Sample No.	: QLS/P-33/23-24/09A
Gokulpur, P.O- Shyamraipur, P.S-	Date Of Performance	: 21.03.2023-27.03.2023
Kharagpur (L), Paschim Medinipur-	Sample Description	: Neise Manitoring
721301, West Bengal.	Ref No. Date	: 0122368532;Dated-27.09.2022
h	Applicating Deculs	Part -

Monitoring Result of Noise

Sampling Done By: P.Ma	ihato		
Sampling Guideline : As	per IS: 9876: 1981 (RA-2001)		
Location - Near CPP Are	a		
Date of Monitoring : 19.	03.2023-20.03,2023		
Time	Lmax dB (A)	Lmin dB (A)	Avg. dB (A)
11.00-12.00	64.2	60,4	62.9
12.00-13.00	67,9	62.1	65,1
13.00-14.00	68.7	60.2	65.1
14,00-15.00	69.5	59.8	66,7
15.00-16.00	70,1	62.3	67.7
16.00-17.00	69.8	63:1	67.1
17,00-18.00	69.8	62.5	67.8
18.00-19.00	69.2	60.1	66,4
19.00-20.00	69,5	61.4	66.9
20.00-21.00	68.2	59.8	67.3
21.00-22.00	69.8	59.8	65.5
22.00-23.00	69.0	58.7	65.3
23.00-0.00	67,1	56.8	63.1
0.00-1.00	67.8	58.4	64.3
1.00-2.00	66.2	57.6	62.9
2.00-3.00	69.0	56.9	64.5
3.00-4.00	64.5	58.9	62.4
4.00-5.00	66.3	56.8	61.6
5.00-6.00	\$8.7	55.6	57.3
6.00-7.00	61.0	54.7	57.1
7.00-8.00	59.5	56.2	57.6
8.00-9.00	59.5	52.3	56,4
9.00-10.00	59.0	54.3	57.2
10.00-11.00	60.2	52.3	56,4

Report Prepared By:

Rollan

for Qualissure Laboratory Services

Reviewed & Authorized By



· The results relate only to the trends) tested.

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

The reserved part of sumplets: except perishable sample(s), shall be retained for 30 days from the date of issue of the Test Report.

27

Qualissure Laboratory Services

361, Princip Pally, 45/363, Bore Pular Road, Kolkam -700107 Unrall - quantum religement cases, info@qualtimer.com , Meb.Net, 98312 87886 ; 9830093976.



Gei

DOC NO 1 GES/SAMP/08-C/00

TEST REPORT

ame & Address Of the	Customer :	Report No.	: QLS/P-33/23-24/C/098
		Dete	: 05.05.2023
M/s. Orlasa Metalliks Pvt. Ltd. (Unit I)		Sample No.	: Q15/P-33/23-24/098
Vouza- Mathurakismat	E Amba Vill-	Date Of Performance	21.03.2023-27.03.2023
Solutpur, P.O- Shyamrai		Sample Description	: Noise Manitoring
L), Paschim Medinipur-		Ref No. Date	: 0122368532;Dated-27.09.2022
L), Paschim Metunipur-	A DESCRIPTION OF A DESC	A CONTRACTOR OF A CONTRACTOR O	
	Monit	toring Result of N	loise
Sampling Done By: P.M.	ahato		
Sampling Guideline : As		2001)	
Location : Setween D.R.		<i>W</i>	
Date of Monitoring : 19	and the second se	turin da tak	Avg. dB (A)
Time	Lmax dB (A)	Lmin dB (A)	Avg. de (A)
11.00-12.00	65,9	62.1	62.0
12.00-13.00	63.0	60.3	68.2
13.00-14.00	70.5	62.5	64.0
14:00-15:00	65.2	62.3	66.0
15.00-16.00	71.9	65.2	66.8
16,00-17.00	67.5	65.3	67.7
17.00-18.00	68.2	66.8	61.3
18.00-19.00	68.7	66.9	69.3
19.00-20.00	70.2	67.6	69.9
20.00-21.00	70.4	68.2	65.6
21.00-22.00	69.8	61.8	65.0
22.00-22.00	69.1	62.5	65.6
23.00-0.00	68.5	64.2	64.0
0.00-1.00	67.2	60.2	
1.00-2.00	63.2	60.5	63.0
2.00-3.00	64.8	61.4	63.0
3.00-4.00	65.0	60.4	- 5475
4.00-5.00	63.4	60.7	61.5

Report Prepared By:

Kalle-

5.00-6.00

6.00-7.00

7.00-8.00

8.00-9.00

9.00-10.00

10.00-11.00

For Qualistone Laboratory Services

\$4.5

\$3.3

52.7

55.2

56.8

61.8

Benimu dhab Goral, Chemist (Authorized Signatory)

· The results relate only to the itents) tested.

This Test Report shall out be reproduced without the permission of Qualissure Laboratory Services.

55.6

54.8

53.0

56.8

55.6

63.2

52.3

\$0.0

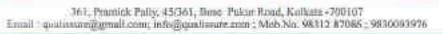
49.2

53.2

53.4

59.7

Qualissure Laboratory Services



TECT DEDODT



\$

DOC NO - OLS/SAMP/OB-C/DO

Name & Address Of the Customer :	Report No.	: QL5/P-33/23-24/C/10
M/s. Orissa Metaliks Pvt. Ltd.(Unit I)	Date	: 05.05.2023
	Sample No.	: QL5/P-33/23-24/10(A-C)
Mouza-Mathurakismat & Amba, Vill- Gokulpur, P.O- Shyamraipur, P.S-	Sample Description	: Ambient Noise
Kharagpur (L), Paschim Medinipur-	Date of performance	: 21.03.2023-27.03.2023
721301, West Bengal,	Ref No. Date	: 0122368532;Dated-27.09.2022

Monitoring Result of Noise

Sampling	Done By: P.Maha	to			
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	- ALAPART (2200)	Near Plant Main Gate	67.5	51.3	63.8
108	19.03.2023 20.03.2023	Mathuraldsmat Village	58.1	48.5	57.9
10C		Latibpur Village	63.5	43.1	52.2

Report Prepared By:

theya.

for Qualissure Laboratory Services Reviewed & Authorized By

10 Benimadhab Gorai, Chemist (Authorized Signatory)

· The results relate only to the item(s) tested.

This Test Report thall not be toppedeed without the parmitrion of Challenger I champer Candon

HEALTH

ANNEXURE - X

2.4

FORMING, 15

I man he was being of and water ANYT (PHP) = toursane All found

O MALON

+ 66's of Bost # [43] 14(5)

Table . illi i -Press An Andrew Manager & State 1 And Annual States 114 Distance of the 1047-0 -----. . . -. 1. Le Lane 53.34

(Preserving) and a Males 19.3, 54 of the West Roughl Factories States, 1-55

123.27	100.0	CA.	1. 1.	1.00
RE			ын	ы.
10.02				

- specified side Southenine So. 1203 Cit. (0.676) doesd 2016. New, 17712

	21
10	

24

The second secon							
Supervises &	1000	10000 10000 10000 10000 10000 10000	August to dail	10000	Jat .	Approximation of the second se	
10	17	0 M C 11	19	94			
医-君王的 神子-生物性	Print .					9	
PERIO NE FE						1000	
AL- ECSI Phone All	-					4	
Ser. 11	_			-			
				+			
	_	_					
				-			
	17 - A	1					
11	1.	() ()					
				-		14	
				-		2	
	-			-	-		
					1		
				-	-		
				-	-		
	-			-			
				_			
		1	1	1			
	-			-	-		
				-			
	-				-	-	
				1	1		
	-			_	-		
	-	10					
			-		1		
		1		-		1	
	-			-	-		
	-	1		-1	+		
	-	-			-		
	-	1		_	-		

ANNEXURE - X

ю,

3

ROBMINE, PL

HEALTH

The same of a first first state of the same state of a first state of a fi

in reaction of the same plants

NOR AL		cares - \$6[16		_			Contract of the local division of the local
	ter:	and the	13220277	-	illio Illio	States and States	States.
10 10 10 10		1.8	1		1	1	-
116666				11.115			
10.00					1		
	11						
			_	1	_		
		1			1.		-
			10		1		1
	-						
	-						
	-						-
		1					1
	_				11		1
	-	-		11			
	-	_	-	1	-		
	1						
		1	_	-	-		-
	-			1			-
							1.
	_						
		-		-	1		-
		_		-			
							-
	-			1			
-				-	-		-
		_		-	-		
		-	11		1		
					1		
	-	-					
	-				-		
					-		
							-
				_			-
		- L.L.		_			
						_	
	_	_		_			
the second se		-	_				
	_						+
		11		_	_	-	
	_						

REGISTER

warment the Automatic Sp. 100 (9-00, 20) and Disc 20()

Name of Street and Str	-		1			
	-	- diffe	Street Street	100	111	Tencing and the second
the second		-		112	-	
e string our offer e stille te te mit d at energies et trange to t	11-1					
1 All 11 18	- Hiller of the					n de la
at the show						4444, /
de la cal						A A A
my br	_					
				-		
	_					
	_	_				
				-		
				-		
	_					
	1			_		
					-	
						and the second se
				_		
		_			-	
	-					
		1			11 10	
	-	_				
_	-			_		
	-			-		
	-			_		
		_				

		11			10	
	-			_		
	+		1			
	-				+	
-		-			1	
	-					
	01	_			_	

Discontrast pages States 27 is 18 of Tax Store Brendy Fortunity, Rules, Fight

ANNEXURE - X

THEM NO. 17

in the other that we are Departed about worked in DAAPE...

2 constant Bairsh more sich

a nu an in the states at freitern.

-3331 Table and burning states a little ----Sec. THE OTHER DESIGNATION. **** 10141-0106 200-14 000-05 100 diam'r. ------..... 1 -. Fren / Hef 北山 110 . hims . I for any support dealer support of the support

HEALTH REGISTER

are a manufact and a North stress 744, \$103,176,0001 dated \$254 New, 1970]

T-monaid com the party -----And and a state of the state of 臣 THE A 122 Table & Loss & Summer of the last -..... 101 * 18 14. 100 -14 BREW SHE w - arkes al - to'm" +++ . AT' 134000 10- 80 Rea ... 145-50-66 Kime-M To Contype St

HEALTH

(President on its Date of A fit of the York Dispet Seconds, Role, 1988

ANNEXURE - X

200034 NO. 12

6 Sand Sai in the Report of Alle wider 1 \$1975-

- ---- Good sinder wase

4. Bim in Been : 42371 (1921 A. LAND M.

Traffic C 通 manual damage Support Street President 1000 三 100,00191 ----1...... +-----. the mark 141/100 C/VIII--

REGISTER

or strend if you had a set of the set of the bard of the how when

monthly in the local division of Concerning of the last Tana an and a H State of Sta Course in sur-62 100 14 -41 -1. eque mit 54 +17. pr-) 5578. Pris-TY And Smith Rota

. 33

ANNEXURE - X

DOMASHIGHT.

HEALTH

(Presented and r Bain of & Skid for Deat Read Terrary, Bain, page

per marrieled size Northcolaus No. 1995 per 201341 doors (Ten Ross 1998)

REGISTER

54 41

1. Kend his is at the last of all standard and the total

1. Same of some Spinter Hills

Thereford an anti-

-	Annual of Stationers	1000	Name And	And the second second	Ing.	1111	American Andreas Sector of the Sector	April Die Long beer Anterent Antig annenten
			1	1 1	1.1	11.0		1
1	1			1	1. 31.2			
THE.							1	
1 100						-		
					-			1
_								
					-			
			_					
	1 1	-						
_	1							
					-	-		
						1		
	1.				-			1
			-		-	-		1 22-29
		1.1				_		
-								
	1.0.	_			-	-		
						-		
					-			
-		-		1000	-	-		
-	-			1	1			-
	1							
						1		-
_			1			-		
		-	10.		-	-		
		-			100	-		
	1							
-					1.1	-		
						-		
-			0		1	-		
					1.5	-		
	1.000							
			1			-		
	-					-		
_	1			1	-	-		
	-				1	_		
	313							-
	1	1			-	1		
	-	-	12		-			
_			-		-	-		
	1		-		1.0			

And in case of the local distance of the loc	- 11	Lennen	A Design of La La	·		Characterization and state
Pine Cont	1225	Truct d Control Control Control Control Control	"reside"	1 Test	111	Thereas is not the of the Easter Association of the Page Sectors of the Theorem
	11	11	11	18. 14	- 10. 1	
赤 新说 州下京和	191.				1	2 Am
W. risten thein The	and the second					1231
ALL PRIL PROPER ATE	1			-		#100 (Still B
ALL FILL FILL	-			-		
and fring - attype	-		_			
					-	
					-	
	1			-	-	
	1			-		1
					-	
					1	
		-		-	-	
	_				-	
				-		
		10.00		_		
				10	_	
	-					1
				-		
				_	-	
	-			-	-	
	-			-		
	-	10000		1	_	
	-					
	-					
	1			-	-	
					-	
					-	
						1.
2	-				1	
					-	
	1			-		
					_	
			1	F-1 - 1 -		
		1		_	1	
the second se	-				1 march 100	the second se

HEALTH

(Proceeding to the West of the West Training Societies, Spins,

ANNEXURE - X

AV1615 141.5"

And ha with the own a shirt water with (NT)

A monor destine manual

4. Part of Book - 54(25) 1447 1 (mm) +0

E al 10000 V 000 E. With Street or other Distances in the second street of the second street Text and and it has not *** 141.1 maliante -4-1-1-10 2.112 18 in such P. History 0.1 111 .

REGISTER

- mented on Authority is, easily in our and (25 No. 1971)

S 21

	1	Norty Startes		- it is a second		inclusion to the start	
Water Class B	1000	1211	Street of Arts	a la	ill:	Territoria Territoria Balancia Balancia	
THE REAL PROPERTY.	11		18	10	-	the second	
AL PART HILL B.C.	met.						
Art. S.f.P., Barrents and		-		-	-	And the second second	
17-5983 141, 5247 19.1148, 146, 33- 24.267, 8-267, 8-26 267, 8-267, 8-26	-			1 - 1			
					a. 2		
	-			1000	1		
	-			-	1		
				-			
	-				-		
	-	-					
	-			_			
					-		
	-	-			-		
					-		
S-4	-			-	-		
					-	1	
2			1	-	1		
2				_	1	1	
				-	-		
3							
	1.		1000			-	
2	17				-		
				1			
					1	-	
	-				1		
						1	
	-			1			
		1					
	_						
	- 1	1	1				
	- /		-		1		
		1					

HEALTH

Promotion and the SA of a line two Propert Factories Factor, the

ANNEXURE - X

in 12

CORN. 101. 17

· search from Report of state and - of WPL-

1 penetonie Bantow mainfaite

1. An 41 4 Harvison, 31/851946

1000		100		The Lorent prices		題	Name of Column	New Address of the owner
estire s		8.			- 8-2			1
-Street					1.000		12.20	
L-ar/10		_			1.252	-		
6								
_								
				1				
		-		-				
					-			1
_		_	11	1	-	_		
_	-							
_							1	1
_			1					
-	-			-	-			
	1		-		-	1		
-				1	1			
-		-			-	-	1.2.2	1
_			1/		-			
_		-	-		-	-	-	-
				-				
_		-		1	10			
_				_	-			
	-	_		_	+	-		
		_			_	-		
_	-			_				
_				-	-	-		
	÷	-		_	-	-		-
			-		1	-		1
	-	1			1			
	-	-	-					
	-	-	-	-		+		
	1	1		1	-	-		
		-	-		1	1		
-		-	-	-		-		
		-		-	-	-		
	-		-		-	-		-
				1	-			24.
-	-	1						1
_			-		-	-		
_	-	-	-			-		-
-				_	_	-	-	
-		-		-				-
_	1	-						
-					-	-		
		1	1					
-		-			-	-	_	
-		1	-			-	-	1
			-	4		-	10 see	

REGISTER

or second on holding in 18, 1914 (1944) and 256 No. 1992

	-		C paragraphic rest on	And in the same set of the same		
March Street 1	11	1000	Second Second Internet	1911	These of the second sec	Same of Same
THE NEW YOR PLAN	and the	4		1.14	16	1.8
PAR NUMBER HALF PRAL	pr.					3778
अन्द्र अन्त्र मनत होएग स्ट व्यूपाई लग्म- तक						n.At
All the La Party Sec				-		Building and
OWNER AHME	_					Palation of the second
and the second				-	-	Contraction of the local sector of the local s
		-		4		
				1		
				_		
				1. 1	_	
				-		
				-		
	-			-		
the second se						
				-		
	-					
				-	-	
	1					
	1					
				_	-	
				_	1	
		<u> </u>		_	-	
				_		
				1		
	1				1	
	1	1		11		
	-			-		
	-			_		
	-				1	
	1					
	1	A	-	-		
		1		-		
	-			_		
	-		_	-	-	
	-	-		-	1	
	1	1.5			1	1.
				_	-	
	1				-	
	-	1		-		
	-				-	1
	-		1		1	
		1			_	

HEALTH

Discussion and a factor to it bit of the West Record Discussion Rober, prog.

ANNEXURE - X

- I2

FORM NO. IT.

1. from his to be Report of this water . #3483-

2 merense swarp firelar

The Lot of Lot

Destinat	A pres of Taxabase	Neg-ma	Pro Cal	· Section Free	100	And a set	Sector & Description	and all any the second
	- Partan	- Cartan		Contraction of the local	1000			
			+	8/		7	1	
H-W-					3.92.8			
1.1	-	_		-	1	_		
	10							
	10000							
-					-			
						_		
				1. I.				
_								
	1			100	-	-		
					f			
-					1			
								1.00
					-			
_						0.01		
							1	1
	1			in the second		_		
	-	_				1		
	1							
					1 1			
_								
_	121							11
						-		
	-				-			
		-	-		-			
			100					
_					1	-		
			41					
		-		1.3.5				
-								1
- 11					-	-		
_		-			-	-		
-								
		-		_	-			
					-		_	
					-	-		
				555 555				
		_						
					-	_		
-								
- 11								
		1			-			
					-	1.00		

REGISTER

as annually this National In. 1981 (million and 70x Sat 1984)

Manhoose and \$4 miles in				There is all the same		
Marrie of State &	45	Anno Seven estrar	A BALLAR AND NO. 10 Annual Inc. 10	翻	in:	Manual Street Street
Discourse Manager Property				1.1	1.14	2/
14-20-4 8-17- 8-4 14-19-18- 804-93-	en fi			-		AT.
pt-28.87, gam. 1. 11 12-	1					Press in succession
and built - Brt			1),			
Contraction of the			1.1			
	· · · · ·					
	1.00	101			1. 11	
				1		
			0		1	
		1	1.5			
					1	
	-					
	-			-	-	
			-		-	
	-			-	-	
	-				-	
	-				-	
	-				-	
			-	-	1	
		1		-	-	
	-		1.1			
	-					
	-		-			
	-			-		
	-			-	1	
	-		-			71
	-					
		1		-	-	
	1			-	-	
	-	-				
		-	1	2.1		1
	-	-	-	-		
20	_				_	

								OHS RE	CORD						ANNEXURE	
). 1m/1 2. Nov.	British Sile 17 HEALTH 1 Second Sile 16 and second Sile georgic 2 Second Sile 17 Provided second Sile 16 and								REGISTER						110	
		freizen				1962	in the second	Ingla and Acations	wanted in the target line			A the paper when the sum	-		Supervise out case of the	
and and a	ATTAC .	+		Westerney and	-	199	1. mar	and the second	Hand Plant, d	Pasal Yeting		Name of Street	titte titte	Entering Terring Terring Terring Terring	Suprement per const of the Standard State of State of State State of State of State State State of State of State State of State of State of State of State State of State of State of State of State State of State of State of State of State of State of State of State State of State	
Gales.	1.8.		A	1 1	12.10	2			5-10-4 11-520	0	10		11			
					18-4-93				the parte from the	.Fit.					my of the	
412					-				and with to berry	-				-	Party Court	
					-				And a shirt of the states				-		- Provencial line	
		-	1	-	-				67					-		
			-			-							-			
			1		-	-							1-			
				-	-	-	1.	-				-	-	-		
				-	-								-			
					-	-							-	-		
					1		211-		-				-	-		
	1		1		1	-	-							-		
						-							_	-	1	
														-		
										-			_	1		
					-	-				-	_		_	_		
1					1	-							_	1		
-		-								1	-		1.	1	1	
_					1	1.				-	-					
_					1-					-				12		
	_	-					-			1	1		- R	1		
					1	-				-				110		
					1	1.				_	_					
					1	-				1						
					1					1	1					
_					1.	-										
					-	-						100				
					-	-										
		1000		1		-			1 A A A A A A A A A A A A A A A A A A A				_	-		
		1			-	-		-			1		-	_		
		1				-			S					_		
					1	-	-					1				
			-	-			-		1 C C C C C C C C C C C C C C C C C C C	-						
-		1				-		_			_			_		
					-	-				-1						
	_	-			-	-	-				-		_	_		
< 4		-			-						-			-		
Summer of the	and have been also	the case	th mailed and		-	1								_		

58 7.7 10

ANNEXURE - X

64

58

FORM NO. 17

HEALTH Presented under dates of 4 No of The Next Regul Factories Rates, 1989

. Tend he is not beginn of all women - Constitu-

2 million of allow the American Chydron a second of the se

-		172	11110	The second second	H	un		State and Internet
	1	1.				1		
(Transm					10141			
Cristian res								
		-			-			
					-			
					-			
_								
-	-				1 .			
-					1 1			
			-					
					-	_		-
-	-	_			-			
		_				1.	_	
					-			
		-		-	-			
				-	-	-		
_	_				-			
						1		
-					-			
	-				-			-
					-			
					_			
					-			
	-				-	-		
						-		
-		_			-	-		
				-				-
	-				-			-
								-
-		_		-				-
		_	_					
								1 1 1 1 1
		-		7.5				-
					-			
		-		-	-			-
- 11					-		1	1
		1	L					

REGISTER

in addressed white Numbershop the 1988 Kin did URL stand 275k Part 19942

arrestant, 24 Kit, 46,00 Ke		in contra	If Departy sale in ser	1 Barris	THE PARTY OF	Salaries and they of the
Palacet all beautiful	121	j]Br-	Treasure for suff	A FTRE	ĮĮĮ	Appendix of the set of
	- 00	19	1.141	H	18	n.
4. #341. Watt- #2."	Fit.			1		240
4- 6349, Mydd-212" 124/42, 12- 74, 845	-					
mi francis_sally				1.000	1	- P-1121200
Grant- et				1		
Lin Shire						
_				-	-	
	-	+		-		
				-	-	
				-		
				-		100 C
_				-		
				+		
	-			-		
				1		
				-		
	-					
	-				-	
	-			-		
	-					
				-		
				-		
	-				t	
	-					
					- 1	
			_			
				-		
				-	-	
	-					
	-		_	1		
				-	-	
	-				-	
			-			
	-			1		2
the second second						
			1	_		
				-		

ANNEXURE - X

Particular States of the States of States

Maria Plantana

2 Natural 5 Natural	the an the Frequence of another $-\frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2}$	a sub-	ionhagas Ann 174	R.							
-		100	10000 (t. c.).	An opposite states	in i sta	1111	Anna is income land to the	Second Second Second Se	bank of sole is well from	βĮ	
	1 1			4	in the		4	1	N N N N N N N N N N N N N N N N N N N	- Gar	
694-					1500				·····································	50/31	
3-12-12-1	ł			10	1				BE- INYA PSM		
the tal	Å								dimi-22-11 1	4	E
-			-			1			64		Г
				-	-	1					Г
		-			-	-		-			t
-	+	-			-	1-	-				t
-	-				+	-					t
_			-		-	-				-	F
_			-		-	-					ł
2	1			-	-	-					Ł
				-	_					<u> </u>	L
-	12.3	-									L
		-						1.0			E
-			-					1	-		E
_		-			-						ĩ
		-		-	1-	-	1			-	t
-	-		-	-	-					+	t
_		-			-	-					Ŧ
	1	-	-			-					÷
-	1			-	-	-				-	4
			1.00		_	-				-	4
_						_				_	1
_	-	1							A CONTRACTOR OF A CONTRACTOR A CONTRA		1
-	-			1			1	1			T
		1	-	-	-					-	T
		-	-		-					+	đ
	-		-						1.	-	1
-		-	_		-	-				-	+
	-	-	-			-	-				+
	-	-	-	_	-	-	_	-	-	-	4
_	-				-	-			21. 225	-	1
-	-	1		-						1	
_		_				-					

ï

m. 25

daniel 254 News Swill

12

August 10 and 1 - 10

100

167

here	et manet - An 19 -	-ad tin	tin gad Maji Man Qui		lean hait à	aka Kidur S	A di Na se Mar Yori Kon	ari Facherini Molia, 1928	REGISTER		70 ²⁶				
-			<u>);;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;</u>	Press and	100	Ш	- and the second	Salaran Salaran Salaran	Annual States	-	Training Street	Francis of the late		11	RESEALATION T
nin e	F		4		5755	- T- 1			1 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Pit-					H
											Y	1			
										-	-				
					- 12									+	
											-				