Your (Half Yearly Compliance Report) has been Submitted with following details	
Proposal No	IA/WB/IND/260820/2007
Compliance ID	112756284
Compliance Number(For Tracking)	EC/M/COMPLIANCE/112756284/2024
Reporting Year	2024
Reporting Period	01 Dec(01 Apr - 30 Sep)
Submission Date	30-11-2024
RO/SRO Name	ARTATRANA MISHRA
RO/SRO Email	jhk109@ifs.nic.in
State	WEST BENGAL
RO/SRO Office Address	Integrated Regional Offices, Kolkata
Note:- SMS and E-Mail has been sent to ARTATRANA MISHRA, WEST BENGAL with Notification to Project Proponent.	



Park Piaza, 71 Park Street, 6F, North Block, Kolkata - 700 016 Tel.: + 91 33 4050 4050, Fax: +91 33 2217 7317, E-mail: info@neometaliks.com Website: www.neometaliks.com CIN: U27109WB2003PLC097231

Ref: NML-DGP/ENV/24/040

Date- 29/11/2024

To,

The Deputy Director General of Forests(C), Ministry of Env. Forest and Climate Change, Integrated Regional Office, Kolkata, IB-198, Sector-III, Salt Lake City, Kolkata- 700106.

Sub: Six Monthly Compliance Report (April'2024 to Sept'2024) of Neo Metaliks Ltd., Durgapur- 713212, West Bengal.

Ref: Environment Clearance No. J-11011/779/2007-IA II (I) dated 02.06.2022

Dear Sir,

This is reference to the subject cited above; we are enclosing herewith six-monthly compliance report (April'24 to Sept'24) of the above referred environmental clearance conditions along with the external agency monitoring reports.

This is for your kind information.

Yours faithfully,

For Neo Metaliks Ltd.

Authorized Signatory Encl: As above

Cc:



- The Member Secretary, West Bengal Pollution Control Board, Paribesh Bhawan, Bldg. No. 10A, Block-LA, Sector-III, Bidhannagar, Kolkata-700106
 - The Environment Engineer (In-Charge), West Bengal Pollution Control Board, (Government of West Bengal), City Centre, Durgapur- 713216.

Name of the Project: Expansion and Upgradation of Pig Iron Manufacturing Plant to 0.4 MTPA Capacity and Inclusion of SMS, Neo Metaliks Ltd., Gopalpur, Durgapur.

Environmental Clearance File No. J-11011/779/2007-IA.II (I) **dated** 02.06.2022

Period of Compliance Report: April'2024 to September'2024

Sr. no.	A. Specific Conditions	Compliance Status
A (i)	As submitted by PP, a pond (7157 m2) is present within the project site, which will be used as a rainwater reservoir. PP shall monitored and submit the Report to the IRO, MoEFCC in this regard.	Complied The Analysis report of sample collected from Rainwater reservoir has been attached as Annexure-1 .
A (ii)	Three tier Green Belt shall be developed in 36% of total project area by end of monsoon, 2022 with native species all along the periphery of the project site of adequate width and tree density shall not be less than 2500 per ha. In addition to this, PP shall be undertaken plantation (total plants 5000 nos.) in the surrounding villages. Survival rate of green belt developed shall be monitored on periodic basis to ensure that damaged plants are replaced with new plants in the subsequent years. Compliance status in this regard, shall be submitted to concern Regional Office of the MoEF&CC.	 Being Complied Green belt development is our ongoing activity. Extensive tree plantation is being carried out every year in all open spaces available in and around the plant premises. As on 31.03.2024, a total of 30,323 nos. of saplings have been planted with native species covering 34.7% of the area. Also in FY 2024-25, 3800 Nos of saplings are proposed to be planted in surrounding villages and plantation work is under progress. Report and photographs will be sent along with the Next Six-monthly Compliance Report. The survival rate of green belt developed is being monitored on a periodic basis and damaged plants are being replaced with new plants. Photographs of the existing plantation are annexed as Annexure-2. The detailed green belt development report in CPCB tabular format is enclosed as Annexure-2 (a).
A (iii)	Greening and Paving shall be implemented in the plant area to arrest soil erosion and dust pollution from exposed soil surface.	Being Complied Greenery has been developed along the roadside and in open unused areas. Some snapshots are enclosed as Annexure- 2(b) . Plant internal roads, vehicle movement areas and workplaces are developed with concreted/pavered and landscaping for horticulture development is being carried out. We've obtained Consent to Established (CTE) from WBPCB vide memo no. 393-2N-566/2003-PART-I dated 25.07.2022. So, construction of more roads shall be done in a phase wise manner during expansion activity.

Sr.		
no.	A. Specific Conditions	Compliance Status
A (iv)	PP shall install three Continuous Ambient Air Quality Monitoring Station (CAAQMS) as one in upstream, one in the down-stream and	Complied
	one at the cross-wind direction by end of July, 2022.	Three Continuous Ambient Air Quality Monitoring Station (CAAQMS) has been installed in upstream, down-stream and cross-wind direction. Photographs of the CAAQMS are attached as Annexure-3
		In addition to this, Ambient air quality monitoring has been carried out on a bimonthly basis by NABL accredited external agency at five different locations inside plant premises. Data of ambient air quality is being submitted regularly through Half-yearly compliance report. The monitoring reports for the duration April'24 to September'24 are enclosed as Annexure -4.
A (v)	PP shall provide RO plant as tertiary treatment facility to ensure reuse of treated wastewater to an extent of 700 KL.	Being Complied
		At present, treated wastewater is being reused inside the plant. RO plant as tertiary treatment facility will be installed post commissioning of STP & ETP. For Primary & Secondary treatment plant, work is under progress.
A (vi)	12 numbers of additional truck mounted Fog/Mist water cannons shall be procured and operated regularly inside the project premises	Being Complied
	and also in the surrounding villages to arrest suspended dust in the atmosphere. PP shall do plantation work in the surrounding villages	Fog/Mist water cannons have been procured, installed & operated at 7 different locations, namely 1. Near Weigh Bridge, 2. Near Pig Yard, 3. Near
	also.	Raw Material Storage Yard/Head ESP stack, 4. Near Sinter Ground Hopper, 5. Near Sinter Plant Crusher House, 6. Near Tail ESP Stack, 7. Near RMHS Day Bin Building.
		Balance 05 nos. of truck mounted Fog/Mist water cannons are going to be ordered in a phase-wise manner. Operation of these 07 no. of Fog/Mist
		water cannons is being ensured regularly inside the project premises. Plantation work- 3800 nos. of saplings have been planted in the surrounding
		villages, local schools, village football grounds etc. are under progress for FY 2024-25. Report and Photographs will be sent in Next Six-monthly
		compliance report.

Sr. no.	A. Specific Conditions	Compliance Status
no. A (vii)	 Following additional arrangements to control fugitive dust shall be provided: a. Fog / Mist Sprinklers at all conveyors point and on bulk raw material storage area (at the transfer points) like Iron Ore, Coal and for Fly Ash and similar solid waste storage areas. b. Proper covered vehicle shall be used while transport of materials. c. Wheel washing mechanism shall be provided in entry and exit gates with complete recirculation system. 	 Being Complied Following additional arrangements have been provided to control fugitive dust. a. Mist Spray Dust Suppression Systems have been installed & are being operated at RMHS area & MBF area. Total mist spray nozzles of 417 nos & 464 nos are being installed at RMHS & MBF area. b. Water sprinkling system (fixed and mobile type) has been provided at raw material handling yard, unloading point and other vulnerable points. Along
		 with water fog cannon has been installed and operated at raw material handling sections. c. All the raw Materials like Iron ore lump & fines, flux and coke & coke Fines are kept covered with Tarpaulin. All the Vehicles entering Plant-site are regularly checked for PUC compliance certificates (exhaust emission) and vehicles with valid PUC certificate are only allowed inside the Plant. d. At present, our entry and exit gate is common. So, provision for one Wheel washing mechanism with complete recirculation system has been proposed near main gate and will be updated in next half yearly compliance report.
A (viii)	All internal road and connecting road from project site to main highway shall be developed and maintained with suitable Million Axle Standard (MSA) as per the traffic load due to existing and proposed project.	Noted and being complied
A (ix)	Performance test shall be conducted on all pollution control systems every year and report shall be submitted to Regional Office of the MoEF&CC.	We've obtained Consent to Established (CTE) from WBPCB vide memo no. 393-2N-566/2003-PART-I dated 25.07.2022. So, installation of all pollution control systems is under establishment phase. However, Performance test is being conducted on existing pollution control systems and report has been submitted along with October'23 to March'24 Six monthly Compliance report for the FY 2023-24. For FY 2024-25, Performance Test is being planned and report will be sent in Next Six-Monthly Compliance Report.

Sr. no.	A. Specific Conditions	Compliance Status
A (x)	Particulate matter emission from stacks shall be less than 30 mg/Nm3.	Noted & Being Complied.
		Our project is under establishment phase.
A (xi)	Blast Furnace shall be equipped with dry gas cleaning plant, stove waste heat recovery, cast house and stock house ventilation system	Being Complied
	and slag granulation facility.	Installation and commissioning of Dry Gas Cleaning Plant with complete package which includes stove waste heat recovery, cast house and stock house ventilation system are under progress. The order copy is enclosed as Annexure-5 . Slag granulation pit work is completed
A (xii)	Sinter Plant shall be equipped with Sinter cooler waste recovery system and suitable technology for control of dioxins and furans	Being Complied
	emissions from the plant.	Complied for existing sinter plant. Report for Existing plant annexed as Annexure-6(a). The project is in its establishment phase.
A (xiii)	85-90 % of billets shall be rolled directly in hot stage. RHF shall operate using only Light Diesel Oil or BF gas as a fuel.	Noted and Being Complied
		This shall be complied during installation of rolling mill, RHF within plant premises.

Sr. no.	B. General Conditions	Compliance Status
B. I	Statutory Compliance	
B. I (i)	The Environment Clearance (EC) granted to the project/ activity is strictly under the provisions of the EIA Notification, 2006 and its amendments issued from time to time. It does not tantamount/ construe to approvals/ consent/ permissions etc., required to be obtained or standards/conditions to be followed under any other Acts/Rules/Subordinate legislations, etc., as may be applicable to the project.	Adhered to the stipulations.
B. II	Air Quality Monitoring & Preservation	
B.II (i)	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission as well as three Continuous Ambient Air Quality Station (CAAQS) for monitoring AAQ parameters with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time. The CEMS and CAAQMS shall be connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.	 To monitor stack emission, 24x7 continuous emission monitoring system (CEMS) have been installed at process stacks like Sinter Plant, Blast Furnace Stove & Captive Power Plant and real time online data is being transmitted to SPCB & CPCB Server. The CEMS online analyzers are calibrated regularly from time to time.
B.II (ii)	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	

Sr. no.	B. General Conditions	Compliance Status
B.II (iii)	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.	 Complied 1. Appropriate Air Pollution Control (APC) system has been provided at the Sinter Plant (SP) & MBF cast house. Exhaust gases from SP head-end and tail-end are cleaned through ESPs to get stack emission under prescribed standard. Blast Furnace gas is cleaned through Gas Cleaning Plant comprises of dust catcher, saturator, and venturi scrubbers to control emission. Installation of Dry Gas Cleaning Plant with fume exhaust system is under establishment phase and is being taken care of during MBF upgradation project. 2. Plant de-dusting system i.e., collection of fugitive emissions through suction hood & duct line and subsequent treatment through bag filters are provided to control fugitive dust. 3. Further, Specific measures like Fixed Water Sprinklers, Water Fog Cannon, Mist Spray Dust Suppression System etc. provided in Ground Hopper, Raw Material handling area, Cast House Area, Truck Tippler etc. Mobile Water Tanker deployed inside & outside plant premises for water sprinkling on internal & external roads respectively. 4. All the conveyors and transfer points have been enclosed to reduce secondary fugitive emission. 5. Plant internal roads, vehicle movement areas and workplaces are developed as either concreted or pavered and cleaned at regular intervals. The cleaned process dust particles are being collected and reused in the Sinter process plant. All the raw materials like Iron ore lump & fines, flux and coke, coke fines are kept covered with Tarpaulin. 6. All the Vehicles enter plant-site are regularly checked for PUC compliance certificates (exhaust emission) and vehicles with valid PUC certificate is only allowed inside the Plant.
		process stacks & work environment respectively by NABL accredited laboratory on bi-monthly basis. Testing reports are enclosed as

Sr. no.	B. General Conditions	Compliance Status
		Annexure-6 & Annexure-7 respectively.
B.II (iv)	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.	Being Complied Inspection of filter bags & replacement of damaged bags is being carried out at regular intervals. Auto-purging system for bag cleaning facilities have been provided. Bag filter leakage detection system shall also be installed during project execution stage.
B.II (v)	Recycle and reuse iron ore fines, coal and coke fines, lime fines and such other fines collected in the pollution control devices and vacuum cleaning devices in the process after briquetting/ agglomeration.	Complied Iron ore fines, coke fines and flue dust collected from the pollution control devices are recycled back and reused in Sinter Plant.
B.II (vi)	The project proponent shall ensure covered transportation and conveying of ore, coal and other raw material to prevent spillage and dust generation.	Covered transportation of raw materials like Iron ore lump & fines, flux and coke & coke fines are being ensured.
B.II (vii)	The project proponent shall provide primary and secondary fume extraction system at all melting furnaces.	Being complied A fume extraction system has been installed in the existing blast furnace cast house. However, the project is under establishment phase. So primary and secondary fume extraction system is being taken care of in MBF upgradation project.
B.II (viii)	Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.	

Sr. no.	B. General Conditions	Compliance Status
		duration Oct'23 to March'24. Next report will be submitted along with Next compliance report.
B. III	Water quality monitoring and preservation	
B.III (i)	The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 (G.S.R 414 (E) dated 30th May 2008; G.S.R 277 (E) dated 31st March 2012 (applicable to IF/EAF) as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.	Being complied At present, domestic effluent is treated in septic tanks and soaks pits. Canteen waste is treated in an Oil water separator and then used for plantation. We've obtained Consent to Established (CTE) from WBPCB vide memo no. 393-2N-566/2003-PART-I dated 25.07.2022. Our project is in the establishment phase. The effluent water is being monitored regularly through NABL accredited laboratory and the reports are enclosed as Annexure-8 .
B.III (ii)	The project proponent shall monitor regularly ground water quality at least twice a year (pre- and post-monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognised under Environment (Protection) Act, 1986 and NABL accredited laboratories.	Ground Water Quality is being regularly monitored in the plant by NABL accredited laboratory. The Pre-monsoon Testing report is enclosed as Annexure-9 .
B.III (iii)	Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.	Being Complied 75 KLD Sewage Treatment Plant is going to be installed & commissioned prior to completion of expansion project activities.
B.III (iv)	The project proponent shall provide the ETP for effluents of rolling mills to meet the standards prescribed in G.S.R 277 (E) 31 st March 2012 (applicable to IF/EAF) as amended from time to time.	Noted and Being Complied. Rolling mills are not yet established. The ETP will be provided for effluents of rolling mills prior to commissioning of rolling mill to meet the standards prescribed in G.S.R 277 (E) 31 st March 2012 (applicable to IF/EAF) as amended from time to time.

Sr. no.	B. General Conditions	Compliance Status
B.III	Garland drains and collection pits shall be provided for each stock pile	Complied
B.III (v)	to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.	 Garland drains and collection pits are provided to arrest the run-off water in the event of heavy rains. A pond (7157 m2) is present within the project site is a rainwater reservoir. Apart from above, we have made five roof-top rainwater harvesting reservoirs of capacities 40m³, 18m³, 43.75m³, 75m³ and 43.75m³ respectively at the following locations- Near Admin building. At MBF area. CPP cooling tower area. Rainwater harvesting sump near Temple. Sinter plant pump house area.
		suppression and indirect cooling applications wherever possible. We have augmented the existing Sumps where runoff within the plant is collected. This water is being utilized in the plant for cooling and dust suppression during lean season.
B.III	Tyre washing facilities shall be provided at the entrance/exit of the plant	Being Complied
(vi)	gates.	At present, our entry and exit gate is common. So, provision for one Wheel washing mechanism with complete recirculation system has been proposed in FY 2024-25 near main gate location and status will be updated in next half yearly compliance report.
B. IV	Noise monitoring and prevention	
B.IV (i)	Noise quality shall be monitored as per the prescribed Noise Pollution (Regulation and Control) Rules, 2000 and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly	The noise quality is being monitored as per the prescribed Noise Pollution
	compliance report.	(Regulation and Control) Rules, 2000 by NABL accredited laboratory on bi-

Sr. no.	B. General Conditions	Compliance Status
		monthly basis. The monitoring reports are enclosed as Annexure- 10.
B. V	Energy Conservation measures	
B.V (i)	Energy conservation measures may be adopted such as adoption of solar energy and provision of LED lights etc., to minimize the energy consumption.	Complied and progressive Roof Top Solar Photovoltaic (SPV) Power System of 10 KWp capacity has been installed at roof-top of New Admin Building. In addition to this, old halogen/mercury lights are being replaced with LED lights progressively at various locations in phase-wise manner.
B. VI	Waste Management	
B.VI (i)	Used refractories shall be recycled.	Noted and Being Complied During the period of April'24 to Sept'24, no Broken refractories mass generated.
B.VI (ii)	Kitchen waste shall be composted or converted to biogas for further use.	Complied Kitchen Waste composting machine is installed near canteen. The bio- compost is utilized in gardening, vegetation, and plantation activities. A total of 672 Kg compost has been generated from 780 Kg of canteen waste & utilized as manure during the period April'24 to Sept'24.
B. VII.	Green Belt	
B.VII (i)	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.	Being Complied The study on GHG emissions inventory including carbon sequestration with respect to project expansion phase, has been carried out & submitted through last half yearly compliance report for the period Apr'23-Sept'23.

Sr. no.	B. General Conditions	Compliance Status
B.VII (ii)	Project proponent shall submit a study report on De-carbonization program, which essentially consists of company's carbon emissions, carbon budgeting/ balancing, carbon sequestration activities and carbon capture, use and storage and offsetting strategies. Further, the report shall also contain time bound action plan to reduce its carbon intensity of its operations and supply chains, energy transition pathway from fossil fuels to Renewable energy etc. All these activities/ assessments should be measurable and monitor able with defined time frames.	The study report on De-carbonization program has been submitted through last half yearly compliance report for the period Apr'23-Sept'23.
B. VIII	Public hearing and Human health issues	
B.VIII (i)	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Complied Our existing plant is ISO 45001 & ISO:14001 certified organization. Hence, Emergency preparedness plan is prepared based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan & is being implemented. Emergency preparedness & Response Plan has been submitted along with half yearly compliance report for the period Apr'23-Sept'23.
B.VIII (ii)	The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.	Complied The workmen who work in high temperature work zone have been identified and heat stress analysis for these workmen is being carried out separately through authorized agency approved by Directorate of Factories & Boilers. The Report has been submitted during the last Sixmonthly Compliance Report for FY 2023-24. For FY 2024-25, the report will be submitted in next six-monthly
		compliance report. Personal Protection Equipment (PPE) like FR suits, Full face helmets, Leg guards, Leather Hand gloves, Nitrile sole safety shoes have been provided

Sr. no.	B. General Conditions	Compliance Status
		to them as per the norms of Factory Act.
B.VIII (iii)	Occupational health surveillance of the workers shall be done on a regular basis and records maintained.	Occupational Health Surveillance of the workers is being carried out on a regular basis as mandatory by The Factories Act, 1948 and the records are being maintained. Last Occupational health surveillance of the workers has been conducted in the month of August 2024.
B. IX	Environment Management	
B.IX (i)	The project proponent shall comply with the provision contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 30/09/2020. As part of Corporate Environment Responsibility (CER) activity, company shall adopt Hattala, Bascopa, Rajbandh, Bandra, Gopalpur, Gosaidanga, Chataldanga, Monarkonda, Rupganja, and Kuldia villages based on the socio-economic survey and undertake community developmental activities in consultation with the village Panchayat and the District Administration as committed.	As part of Corporate Environment Responsibility (CER) activity, the socio- economic development/ community developmental activities are being carried out by the company.
B.IX (ii)	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.	Complied As our organization is ISO:14001 & 45001 certified, so well-defined Environmental policy is there. The copy of certificates has been submitted

Sr. no.	B. General Conditions	Compliance Status
B.IX (iii)	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.	Noted
B. IX	Miscellaneous	
B.X (i) B.X (ii)	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	Complied The Environment Clearance letter is advertised in two local newspapers. Viz. The Times of India and The Ei Samay (vernacular daily) on Dt. 08.06.2022. The copy of advertisement has been submitted along with October'23 to March'24 Six monthly Compliance Report. Complied The copies of the environmental clearance have been submitted to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government. Received copies of letters has been submitted along with October'23 to March'24 Six monthly Compliance
B.X (iii)	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	Report. Complied The status of compliance of the stipulated environment clearance conditions, including results of monitored data are being uploaded on our website and updated the same on half-yearly basis.
B.X (iv)	The project proponent shall monitor the criteria pollutants level namely; PM_{10} , SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.	Complied Environmental data on PM ₁₀ , SO ₂ , NO _x (ambient levels as well as stack emissions) have been monitored bi-monthly through NABL accredited laboratory and uploaded in company web site through half yearly compliance report and data displayed near main gate of the company.

Sr. no.	B. General Conditions	Compliance Status
B.X (v)	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the	Being Complied
	website of the ministry of Environment, Forest and Climate Change at environment clearance portal.	Six-monthly reports on the status of the compliance of the stipulated environmental conditions is being submitted to MoEF&CC / WBPCB and on the website of the ministry of Environment, Forest, and Climate Change at environment clearance portal on regular basis. The last report was submitted on Dt. 31.05.2024 for the period October'23 to March'2024.
B.X	The project proponent shall submit the environmental statement for	Being complied
(vi)	each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	The environmental statement for FY 2023-24 has been submitted in Form- V to WBPCB and put on the website of the company.
B.X (vii)	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	Noted
B.X (viii)	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	Noted & Compliance assured.
B.X (ix)	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).	Noted
B.X (x)	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Noted
B.X (xi)	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted

Sr. no.	B. General Conditions	Compliance Status
B.X (xii)	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Noted
B.X (xiii)	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.	Noted Full co-operation will be extended.
B.X (xiv)	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted



Signature

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



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

Name & Address Of the Customer:	Report No.	: QLS/MR/W/24-25/C/230
	Date	: 22.06.2024
M/s. Neo Metaliks Ltd.	Sample No.	: QLS/MR/W/24-25/230
Vill + P.O.: Gopalpur	Sample Description	: Surface Water
P.S. : Kanksa, Durgapur	Sample Mark	: Reservoir Water
Paschim Bardhaman	Date of Drawn On	: 15.06.2024
West Bengal – 713 212	Sample Performance	: 17.06.2024 - 22.06.2024
	Sampling Method	: IS 17614(P-1, P-5 & P-25) 2021 & 2022
	Ref No. Date	: Verbal Confirmation

Analysis Result (A) Chemical Analysis

SI. No.	Test Parameter	Test Method	Limit as per CPC of effi		
		rest Method	Inland Surface Water	Public Sewers	Result
1.	pH Value at 25°C	IS 3025 (Part 11)- 2022	5.5 to 9.0	5.5 to 9.0	7.28
2.	Turbidity in NTU	IS 3025 (Part 10)- 2023	100 m		<1.0
з.	Total Dissolved Solids (TDS) in mg/l	IS 3025 (Part 16): 2023			218
4.	Calcium (as Ca) in mg/l	IS 3025 (Part 40): 1991(RA 2019)		1.482 ····	34.1
5.	Chloride (as Cl) in mg/l	IS 3025 (Part 32): 1988 (RA 2019)			41.1
6.	Fluoride (as F) in mg/l	APHA 24th Edition-2023, 4500 F D	2.0	15	1.09
7.	Iron (as Fe) in mg/1	IS 3025 (Part 53): 2003(RA 2019)	3	3	0.17
8.	Magnesium (as Mg) in mg/i	APHA 24th Edition- 2023,3500 Mg B	(1999)	Tany N	11.2
9.	Sulphate (as SO _d) in mg/l	15 3025 (Part 24): Sec 1, 2022			31.5
10.	Alkalinity (as CaCO ₃) in mg/l	IS 3025 (Part 23): 2023	····		78.4
11.	Total Hardness (as CaCO3) in mg/l	IS 3025 (Part 21): 2009 (RA - 2019)		2 1944	131.9
12.	Sodium (as Na) in mg/l	APHA 24th Edition- 2023, 3500Na - B			18.2
13.	Reactive Silica (SiO ₂) in mg/l	APHA 24th Edition-2023, 4500 SIO ₂ C			22.3
14.	Colloidal Silica (SIO2) in mg/l	APHA 24th Edition-2023, 4500 SiO ₂ C			6.9
15.	Phosphate (as PO ₄) in mg/l	API IA 24th Edition-2023, 4500P-D			0.2
16.	Electrical Conductivity in mS/cm at 25 °C	APHA 24th Edition-2023, 2510B			389

Report Prepared By:

for Qualissure Laboratory Services Reviewed & Authorized By

Bishnupriya Banenjee, Chemist (Authorized Signatory)

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Annexure-2(a)

ANNEXURE- 2(a)

Green Belt Development Report

No. of Saplings Planted	Name of Species Planted	Area covered Under Plantation	Survival Rate	Density	Area Under Plantation in Numerical form	Percentage of Project Area
30323 Nos. (Planted as on Dt.31-03-2024)	Sonajuri, Jamul, Arjun, Kadamb, Karanj, Simarua, Chhatiana, Radhachur etc	Approx. 31 Acre	Approx. 92 %	Approx. 1000 Nos of Saplings in 1 Acre	Approx. 31 Acre	34.7%

Annexure-2(b)

ANNEXURE- 2(b)





CAAQMS-3: Near DVC sub-station area.







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

Č,		TEST	REPORT	
Nam	e & Address Of the Customer:	Re	port No.	: QLS/A/23-24/C/175
M/s.	Neo Metaliks Ltd.	Da	te	: 03.06.2023
COMPOSE	P.O. : Gopalpur	Sar	nple No.	: QIS/A/23-24/175
P.S. :	: Kanksa, Durgapur	Da	te of Performant	e(s) : 26.05.2023-02.06.2023
Pasc	him Bardhaman	Sar	nple Description	: Ambient Air
Wes	t Bengal – 713 212	Re	No. Date	: W122505-006,Dated:05.05.2022
	3° .	Analy	sis Result	
Loca	tion: Near Main Gate		Date of sampl	ing: 22.05-23.05.2023
Sam	pling Done by: P.Mandal/P.Mahato		Sampling done	e as per : CPCB Guidelines (Volume-1)
Envi	ronmental Condition : Cloudy & Drizzlin	e		
SI. No.	Pollutants	Result	Limit as per CPCB	Method of Test Reference
1	Particulate matter (PM $_{10})$ in $\mu g/m^3$	95	100	IS: 5182 (Part-23), RA-2017
2	Particulate matter (PM _{2.5}) in µg/m ³	48	60	USEPA CFR-40,Part-50, Appendix-L
3	Sulphur dioxide (SO ₂) in $\mu g/m^3$	6.6	80	IS: 5182 (Part-2)-2001, RA-2017
4	Nitrogen dioxide (NO ₂) in µg/m ³	29.8	80	IS: 5182 (Part- 6)-2006, RA-2017
5	Carbon Monoxide (CO) in µg/m ³	732	2000	IS: 5182 (Part-10):1999,RA-2014
6	Ammonia (NH3) in µg/m³	11.2	400	Air Sampling , 3 rd Edn -Method-401
7	Lead (Pb) in µg/m ³	0.05	1	EPA 10-3.2 & 5.0

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

Report Prepared by :

R. Shesme

for Qualissure Laboratory Services **Reviewed & Authorized By**

1.95

(Benimadhab Gorai, Chemist) (Authorized Signatory)

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

		TEST	FREPORT	in the second
Nam	e & Address Of the Customer:	R	eport No.	: QLS/ A/23 24/C/176
M/s	. Neo Metaliks Ltd.	D	ate	: 03.06.2023
Vill +	P.O. : Gopalpur	S	ample No.	: QLS/ A/23-24/176
	: Kanksa,Durgapur	D	ate of Performan	ce(s) : 26.05.2023-02.06.2023
	him Bardhaman	2016	ample Description	: Ambient Air
Wes	t Bengal – 713 212	R	ef No. Date	: W122505-006,Dated:05.05.202
		Analy	<u>ysis Result</u>	
Loca	tion: P.C.M Boundary Wall	5	Date of sampl	ing : 22.05-23.05.2023
Sam	pling Done by: P.Mandal/P.Mahato		Sampling don	e as per : CPCB Guidelines (Volume-1)
Ênvi	ronmental Condition : Cloudy & Drizzlin	8		
SI. No.	Pollutants	Result	Limit as per CPCB	Method of Test Reference
1	Particulate matter (PM $_{10})\;$ in $\mu g/m^3$	91	100	IS: 5182 (Part-23), RA-2017
2	Particulate matter ($PM_{2.5}$) in $\mu g/m^3$	50	60	USEPA CFR-40,Part-50, Appendix-L
3	Sulphur dioxide (SO ₂) in μ g/m ³	7.1	80	IS: 5182 (Part-2)-2001, RA-2017
4	Nitrogen dioxide (NO2) in µg/m ³	28.3	80	IS: 5182 (Part- 6)-2006, RA-2017
5	Carbon Monoxide (CO) in µg/m ³	709	2000	IS: 5182 (Part-10):1999,RA-2014
6	Ammonia (NH3) in µg/m ³	15.7	400	Air Sampling , 3 rd Edn -Method-401
7.	Lead (Pb) in µg/m ³	0.04	1	EPA 10-3.2 & 5.0

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

Report Prepared by :

R. Shorme

for Qualissure Laboratory Services **Reviewed & Authorized By**

(Benimadhab Gorai, Chemist) (Authorized Signatory)

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2	8	TEST	REPORT	DOC NO : QLS/SAMP/08-A/00
Nan	ne & Address Of the Customer:		port No.	: QLS/A/23-24/C/177
M/s	. Neo Metaliks Ltd.	Da	ite	: 03.06.2023
Vill	+ P.O. : Gopalpur	Sa	mple No.	: QLS/A/23-24/177
P.S.	: Kanksa, Durgapur	Da	te of Performan	ce(s) : 26.05.2023-02.06.2023
Pase	chim Bardhaman	Sa	mple Description	n : Ambient Air
Wes	st Bengal – 713 212	Re	f No. Date	: W122505-006, Dated: 05.05.2022
		Analy	sis Result	
Loca	ation: C.P.P		Date of samp	ling : 23.05.2023-24.05.2023
Sam	pling Done by: P.Mandal/P.Mahato		Sampling don	e as per : CPCB Guidelines (Volume-1)
Envi	ronmental Condition : Heavy Rainfall			
SI. No.	Pollutants	Result	Limit as per CPCB	Method of Test Reference
1	Particulate matter (PM10) in $\mu g/m^3$	58	100	IS: 5182 (Part-23), RA-2017
2	Particulate matter ($PM_{2.5}$) in $\mu g/m^3$	23	60	USEPA CFR-40,Part-50, Appendix-L
, 3	Sulphur dioxide (SO $_2$) in μ g/m ³	6.0	80	IS: 5182 (Part-2)-2001, RA-2017
4	Nitrogen dioxide (NO ₂) in µg/m ³	27.4	80	IS: 5182 (Part- 6)-2006, RA-2017
5	Carbon Monoxide (CO) in µg/m ³	641	2000	IS: 5182 (Part-10):1999,RA 2014
6	Ammonia (NH3) in µg/m ³	13.6	400	Air Sampling , 3 rd Edn -Method-401

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

Report Prepared by :

R. Shesna

for Qualissure Laboratory Services Reviewed & Authorized By

(Benimadhab Gorai, Chemist) (Authorized Signatory)

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		TES	T REPORT	DOC NO : QLS/SAMP/08-A/0
Nan	ne & Address Of the Customer:		Report No.	: QLS/A/23-24/C/178
M/s	. Neo Metaliks Ltd.		Date	:03.06.2023
Vill	+ P.O. : Gopalpur		Sample No.	: QLS/A/23-24/178
P.S.	: Kanksa, Durgapur		Date of Performan	[[2.18]] 2.28] 2.28] 2.28] 2.28] 2.28] 2.28] 2.28] 2.28]
Pasc	him Bardhaman	10	Sample Description	n : Ambient Air
Wes	t Bengal – 713 212		Ref No. Date	: W122505-006,Dated:05.05.202
		Ana	ysis Result	
Loca	tion: Near Administrative Building	JING MA	Date of samp	ling: 23.05.2023-24.05.2023
Sam	pling Done by: P.Mandal/P.Mahato		Sampling don	e as per : CPCB Guidelines (Volume-1)
Envi	ronmental Condition : Heavy Rainfall			and the second second
SI. No.	Pollutants	Result	Limit as per CPCB	Method of Test Reference
1	Particulate matter (PM10) in $\mu g/m^3$	71	100	IS: 5182 (Part-23), RA-2017
ż.	Particulate matter (PM _{2.5}) in μ g/m ³	39	60	USEPA CFR-40, Part-50, Appendix-L
3	Sulphur dioxide (SO ₂) in $\mu g/m^3$	6.2	80	IS: 5182 (Part-2)-2001, RA-2017
4	Nitrogen dioxide (NO ₂) in μ g/m ³	28.0	80	IS: 5182 (Part- 6)-2006, RA-2017
5	Carbon Monoxide (CO) in µg/m ³	801	2000	IS: 5182 (Part-10):1999,RA 2014
6	Ammonia (NH ₃) in µg/m ³	20.8	400	Air Sampling , 3rdEdn -Method-401
7	Lead (Pb) in µg/m ³	<0.02	1	EPA IO-3.2 & 5.0

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

Report Prepared by : R. Showne

for Qualissure Laboratory Services Reviewed & Authorized By

(Benimadhab Gorai, Chemist) (Authorized Signatory)

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	3 	TE	ST REPORT	DOC NO : QLS/SAMP/08-A/0		
	me & Address Of the Customer:		Report No.	: QLS/A/23-24/C/179		
	s. Neo Metaliks Ltd.		Date	: 03.06.2023		
	+ P.O. : Gopalpur		Sample No.	: QLS/A/23 24/179		
	: Kanksa,Durgapur		Date of Performan	nce(s) : 26.05.2023-02.06.2023		
	chim Bardhaman	1	Sample Descriptio	n : Ambient Air		
We:	st Bengal – 713 212		Ref No. Date	: W122505-006,Dated:05.05.202		
-		Ana	lysis Result			
Loca	ation: North East Boundary Wall	$1 \geq n \leq n$	Date of samp	ling : 24.05.2023-25.05.2023		
Sam	pling Done by: P.Mandal/P.Mahato		Sampling dor	Sampling done as per : CPCB Guidelines (Volume-1)		
Énvi	ironmental Condition : Cloudy & Light R	ainfall		7		
SI. No.	Pollutants	Resul	t Limit as per CPCB	Method of Test Reference		
1	Particulate matter (PM $_{10})$ in $\mu g/m^3$	64	100	IS: 5182 (Part-23), RA-2017		
2	Particulate matter (PM _{2.5}) in μ g/m ³	28	60	USEPA CFR 40,Part-50, Appendix-L		
3	Sulphur dioxide (SO ₂) in μ g/m ³	6.3	80	IS: 5182 (Part-2)-2001, RA-2017		
4	Nitrogen dioxide (NO ₂) in µg/m ³	27.9	80	IS: 5182 (Part- 6)-2006, RA-2017		
5	Carbon Monoxide (CO) in $\mu g/m^3$	629	2000	IS: 5182 (Part-10):1999,RA-2014		
6	Ammonia (NH ₃) in μ g/m ³	<10.0	400	Air Sampling , 3 rd Edn -Method-401		
7.	Lead (Pb) in µg/m ³	<0.02	1	EPA IO-3.2 & 5.0		

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

Report Prepared by :

R. Shama

for Qualissure Laboratory Services Reviewed & Authorized By

(Benimadhab Gorai, Chemist) (Authorized Signatory)

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

_		TES	T REPORT		
Name & Address Of the Customer: M/s. Neo Metaliks Ltd. Vili + P.O. : Gopalpur P.S. : Kanksa,Durgapur Paschim Bardhaman West Bengal – 713 212			Report No. Date Sample No. Date of Perform Sample Descript Ref No. Date	and the second se	
		Anal	ysis Result		
Loca	tion: Near Main Gate		Date of sampling : 20-21.07.2024		
Sam	pling Done by: S.Ghosh/P.Mandal		Sampling done as per : CPCB Guidelines (Volume-1)		
Envir	ronmental Condition : Cloudy & Rainfall				
si. No.	Pollutants	Result	Limit as per CPCB	Method of Test Reference	
1	Particulate matter (PM $_{10})$ in $\mu g/m^3$	55	100	IS: 5182 (Part-23), RA-2017	
2	Particulate matter ($PM_{2.5}$) in $\mu g/m^3$	29	60	USEPA CFR-40,Part-50, Appendix-L	
3	Sulphur dioxide (SO ₂) in µg/m ³	5.4	80	IS: 5182 (Part-2)-2001, RA-2017	
4	Nitrogen dioxide (NO2) In µg/m3	26.8	80	IS: 5182 (Part- 5)-2006, RA-2017	
5	Carbon Monoxide (CO) in µg/m ³	503	2000	IS: 5182 (Part-10):1999, RA-2014	
б	Ammonia (NH₃) in µg/m ³	12.3	400	Air Sampling, 3rdEdn -Method-401	
7	Ozone (O ₃) in µg/m ³	<19.62	180	Air Sampling , 3 rd Edn -Method-411	
8	Lead (Pb) in µg/m ³	<0.02	1	EPA IO-3.2 & 5.0	
9	Nickel (Ni) in ng/m ³	<4.0	20	EPA 10-3.2	
10	Arsenic (As) in ng/m ³	<1.0	6	Air Sampling , 3 rd Edn.Method 402 and APHA 232 rd Edition Part 31148	
11	Benzene (C ₆ H ₆) in µg/m ³	<2.08	5	IS: 5182 (Part- 11)	
12	Benzo (a) pyrene in ng/m ³	<0.4	1	IS: 5182 (Part- 12)	

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 Gorai, Chemist (Authorized Signatory)

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TECT DEDODT



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

		IES	T REPORT		
Name & Address Of the Customer: M/s. Neo Metaliks Ltd. Vill + P.O. : Gopalpur P.S. : Kanksa,Durgapur Paschim Bardhaman West Bengal - 713 212			Report No. Date Sample No. Date of Performa Sample Descriptio Ref No. Date		
		Anal	ysis Result		
Loca	tion: Near Admin Building		Date of sampling : 20-21.07.2024		
Sam	pling Done by: S.Ghosh/P.Mandal		Sampling done as per : CPCB Guidelines (Volume-1)		
Envi	ronmental Condition : Cloudy & Rainfall				
SI. No.	Pollutants	Result	Limit as per CPCB	Method of Test Reference	
1	Particulate matter (PM_{10}) in $\mu g/m^3$	40	100	IS: 5182 (Part-23), RA-2017	
2	Particulate matter ($PM_{2.5}$) in $\mu g/m^3$	17	60	USEPA CFR-40,Part-50, Appendix-L	
3	Sulphur dioxide (SO ₂) in µg/m ³	5.7	80	I5: 5182 (Part-2)-2001, RA-2017	
4	Nitrogen dioxide (NO ₂) in µg/m ³	25.4	80	IS: 5182 (Part- 6)-2006, RA-2017	
5	Carbon Monoxide (CO) in μ g/m ³	446	2000	IS: 5182 (Part-10):1999, RA-2014	
6	Ammonia (NH ₃) in µg/m ³	18.4	400	Air Sampling , 3 rd Edn -Method-401	
7	Ozone (O ₃) in μg/m³	<19.62	180	Air Sampling , 3 rd Edn -Method-411	
8	Lead (Pb) in µg/m ³	<0.02	1	EPA IO-3.2 & 5.0	
9	Nickel (Ni) in ng/m ^a	<4.0	20	EPA 10-3.2	
10	Arsenic (As) in ng/m³	<1.0	6	Air Sampling . 3 rd Edn.Method 402 and APHA 232 rd Edition Part 3114B	
11	Benzene (C ₆ H ₆) in µg/m ³	<2.08	5	IS: 5182 (Part- 11)	
12	Benzo (a) pyrene in ng/m³	<0.4	1	IS: 5182 (Part- 12)	

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

Report Prepared by : TIM

for Qualissure Laboratory Services Reviewed & Authorized By

> Benimadhab Gorai, Chemist (Authorized Signatory)

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TEST REPORT



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

		IES	REPORT	
Name & Address Of the Customer: M/s. Neo Metaliks Ltd. Vill + P.O. : Gopalpur + S. : Kanksa,Durgapur Paschim Bardhaman West Bengal – 713 212			Report No Date Sample No. Date of Performa Sample Descriptic Ref No. Date	
_	10-00-00-00-00-00-00-00-00-00-00-00-00-0	Anal	sis Result	
Loca	tion: North East Boundary Wall		Date of sampl	ling : 22-23.07.2024
Sam	pling Done by: S.Ghosh/P.Mandal		Sampling don	e as per : CPCB Guidelines (Volume-1)
Envi	ronmental Condition : Cloudy & Rainfal			
SI. No.	Pollutants	Result	Limit as per CPCB	Method of Test Reference
1	Particulate matter (PM $_{10})$ in $\mu g/m^3$	36	100	IS: 5182 (Part-23), RA-2017
2	Particulate matter ($PM_{2.5}$) in $\mu g/m^3$	15	60	USEPA CFR-40, Part-50, Appendix-L
3	Sulphur dioxide (SO _z) in μ g/m ³	4.9	80	IS: 5182 (Part-2)-2001, RA-2017
4	Nitrogen dioxide (NO ₂) in μ g/m ³	22.7	80	IS: 5182 (Part- 6)-2006, RA-2017
5	Carbon Monoxide (CO) in $\mu g/m^3$	378	2000	IS: 5182 (Part-10):1999, RA-2014
6	Ammonia (NH ₃) in µg/m ³	<10.0	400	Air Sampling , 3rdEdn -Method-401
7	Ozone (O3) in µg/m ³	<19.62	180	Air Sampling , 3 rd Edn -Method-411
8	Lead (Pb) in µg/m ³	<0.02	1	EPA IO-3.2 & 5.0
<u>A</u> 9	Nickel (Ni) in ng/m ³	<4.0	20	EPA IO-3.2
10	Arsenic (As) in ng/m³	<1.0	6	Air Sampling , 3 rd Edn.Method 402 and APHA 232 rd Edition Part 3114B
11	Benzene (C_6H_6) in $\mu g/m^3$	<2.08	5	IS: 5182 (Part-11)
12	Benzo (a) pyrene in ng/m ³	<0.4	1	IS: 5182 (Part- 12)

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

Report Prepared by : YUNA

for Qualissure Laboratory Services Reviewed & Authorized By

Benimadhab Gorai, Chemist (Authorized Signatory)

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DEDODT



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

		TEST	REPORT	
	e & Address Of the Customer:	3	Report No.	: QLS/MR/A/24-25/C/374
	Neo Metaliks Ltd.		Date	:03.08.2024
	P.O. : Gopalpur	0.13	Sample No.	: QLS/MR/A/24-25/374
	Kanksa, Durgapur		Date of Performa	
	him Bardhaman		Sample Descripti	
west	t Bengal – 713 212		Ref No. Date	: 3322000741, Dated : 01.03.202
		Analy	sis Result	
Loca	tion: PCM Boundary Wall		Date of samp	ling : 22-23.07.2024
Sam	pling Done by: S.Ghosh/P.Mandal		Sampling dor	e as per : CPCB Guidelines (Volume-1)
Envir	ronmental Condition : Cloudy & Rainfall			
si. No.	Pollutants	Result	Limit as per CPCB	Method of Test Reference
1	Particulate matter (PM $_{10})$ in $\mu g/m^3$	82	100	IS: 5182 (Part-23), RA-2017
2	Particulate matter ($PM_{2.5}$) in $\mu g/m^3$	30	60	USEPA CFR-40,Part-50, Appendix-L
3	Sulphur dioxide (SO ₂) in µg/m ³	7.4	80	IS: 5182 (Part-2)-2001, RA-2017
4	Nitrogen dioxide (NO ₂) in µg/m ³	26	80	IS: 5182 (Part- 6)-2006, RA-2017
5	Carbon Monoxide (CO) in $\mu g/m^3$	755	2000	IS: 5182 (Part-10):1999, RA-2014
6	Ammonia (NH₃) in µg/m³	<10.0	400	Air Sampling , 3 rd Edn -Method-401
7	Ozone (O3) in µg/m*	<19.62	180	Air Sampling , 3 rd Edn -Method-411
8	Lead (Pb) in µg/m ³	<0.02	1	EPA IO-3.2 & 5.0
9	Nickel (Ni) in ng/m ⁸	4.2	20	EPA IO-3.2
10	Arsenic (As) in ng/m ³	<1.0	6	Air Sampling , 3 rd Edn.Method 402 and APHA 232 rd Edition Part 3114B
11	Benzene (C6H6) in µg/m ³	<2.08	5	IS: 5182 (Part-11)
12	Benzo (a) pyrene in ng/m ³	<0.4	1	IS: 5182 (Part- 12)

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 Gorai, Chemist (Authorized Signatory)

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

TEST REPORT Name & Address Of the Customer: Report No. :QLS/MR/A/24-25/C/375 M/s. Neo Metaliks Ltd. Date :03.08.2024 Vill + P.O. : Gopalpur Sample No. : QLS/MR/A/24-25/375 P.S. : Kanksa, Durgapur Date of Performance(s) : 26.07.2024-03.08.2024 Paschim Bardhaman Sample Description : Ambient Air West Bengal - 713 212 Ref No. Date : 3322000741, Dated : 01.03.2024 Analysis Result Location: Near CPP Date of sampling : 23-24.07.2024 Sampling Done by: S.Ghosh/P.Mandal Sampling done as per : CPCB Guidelines (Volume-1) Environmental Condition : Cloudy & Rainfall Limit as Pollutants Result Method of Test Reference No. per CPCB Particulate matter (PM10) in µg/m3 32 100 IS: 5182 (Part-23), RA-2017 19 Particulate matter (PM_{2.5}) in µg/m³ 60 USEPA CFR-40, Part-50, Appendix-L Sulphur dioxide (SO₂) in µg/m³ 6.6 80 IS: 5182 (Part-2)-2001, RA-2017 Nitrogen dioxide (NO2) in µg/m³ 24.8 80 IS: 5182 (Part- 6)-2006, RA-2017 Carbon Monoxide (CO) in µg/m³ 446 2000 IS: 5182 (Part-10):1999, RA-2014 Ammonia (NH₃) in µg/m³ 11.6 400 Air Sampling , 3rdEdn -Method-401 Ozone (O3) in µg/m3 180 <19.62 Air Sampling , 3rdEdn -Method-411 Lead (Pb) in µg/m³ <0.02 1 EPA IO-3.2 & 5.0 Nickel (Ni) in ng/m3 20 <4.0 EPA 10-3.2

Air Sampling , 3rdEdn.Method 402 10 Arsenic (As) in ng/m3 <1.0 6 and APHA 232rd Edition Part 3114B 11 Benzene (C₆H₆) in µg/m³ <2.08 5 15: 5182 (Part-11) 12 Benzo (a) pyrene in ng/m3 <0.4 1 15: 5182 (Part-12)

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

Report Prepared by : Letter

for Qualissure Laboratory Services **Reviewed & Authorized By**

Benimadhab Gorai, Chemist (Authorized Signatory)

End of the Report-----

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- -----



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

		TEST	REPORT	
Name & Address Of the Customer: M/s. Neo Metaliks Ltd. Vill + P.O. : Gopalpur P.S. : Kanksa,Durgapur Paschim Bardhaman West Bengal – 713 212			Report No. Date Sample No. Date of Performar Sample Descriptio Ref No. Date	1.5 M (1)
20417358		2.00	sis Result	
Locat	tion: Near North East Boundary Wall		Date of sampl	ing: 28-29.09.2024
Samp	pling Done by: S.Ghosh/P.Mandal		Sampling don	e as per : CPCB Guidelines (Volume-1)
Envir	onmental Condition : Cloudy		Laboratoria de la composición de la composicinde la composición de la composición de la composición de	
SI. No.	Pollutants	Result	Limit as per CPCB	Method of Test Reference
1	Particulate matter (PM_{10}) in $\mu g/m^3$	83	100	15: 5182 (Part-23), RA-2017
2	Particulate matter ($PM_{2.5}$) in $\mu g/m^3$	50	60	USEPA CFR-40, Part-50, Appendix-L
3	Sulphur dioxide (SO ₂) in μ g/m ³	8.2	80	IS: 5182 (Part-2)-2001, RA-2017
4	Nitrogen dioxide (NO ₂) in $\mu g/m^3$	31.5	80	IS: 5182 (Part- 6)-2006, RA-2017
5	Carbon Monoxide (CO) in µg/m ³	927	2000	IS: 5182 (Part-10):1999, RA-2014
6	Ammonia (NH3) in µg/m ³	25.8	400	Air Sampling , 3 rd Edn -Method-401
7	Ozone (O ₃) in µg/m ³	31.4	180	Air Sampling , 3rdEdn -Method-411
8	Lead (Pb) in µg/m ³	0.06	1	EPA 10-3.2 & 5.0
9	Nickel (Ni) in ng/m ³	9.4	20	EPA IO-3.2
10	Arsenic (As) in ng/m ³	<1.0	6	Air Sampling , 3 rd Edn.Method 402 and APHA 232 rd Edition Part 3114B
11	Benzene (C _# H _#) in µg/m ³	<2.08	5	IS: 5182 (Part- 11)
12	Benzo (a) pyrene in ng/m ³	<0.4	1	IS: 5182 (Part- 12)

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

Report Prepared by :

6. Some

for Qualissure Laboratory Services **Reviewed & Authorized By**

Anupam Martial, Chemist (Authorized Signatory)

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

TEST REPORT Name & Address Of the Customer: Report No. : QLS/MR/A/24-25/C/501 M/s. Neo Metaliks Ltd. Date : 28.10.2024 Vill + P.O. : Gopalpur : QLS/MR/A/24-25/501 Sample No. P.S. : Kanksa, Durgapur :01.10.2024-09.10.2024 Date of Performance(s) Paschim Bardhaman Sample Description : Ambient Air West Bengal - 713 212 Ref No. Date : 3322000741, Dated : 01.03.2024 Analysis Result Location: Near Admin Building Date of sampling: 28-29.09.2024 Sampling Done by: S.Ghosh/P.Mandal Sampling done as per : CPCB Guidelines (Volume-1) Environmental Condition: Cloudy SI. Limit as Pollutants Result **Method of Test Reference** No. per CPCB 1 Particulate matter (PM10) in µg/m³ 94 100 IS: 5182 (Part-23), RA-2017 2 52 Particulate matter (PM_{2.5}) in µg/m³ 60 USEPA CFR-40, Part-50, Appendix-L 8.0 IS: 5182 (Part-2)-2001, RA-2017 3 Sulphur dioxide (SO2) in µg/m3 80 34.4 4 Nitrogen dioxide (NO₂) in µg/m³ 80 IS: 5182 (Part- 5)-2006, RA-2017 5 Carbon Monoxide (CO) in µg/m3 938 2000 IS: 5182 (Part-10):1999, RA-2014 400 Air Sampling , 3rdEdn -Method-401 6 Ammonia (NH₃) in µg/m³ 17.8 Ozone (O_3) in $\mu g/m^3$ Air Sampling , 3rdEdn -Method-411 7 27.7 180 EPA 10-3.2 & 5.0 8 Lead (Pb) in µg/m³ 0.08 1 9 Nickel (Ni) in ng/m3 20 EPA 10-3.2 6.5 Air Sampling , 3rdFdn Method 407 6 10 Arsenic (As) in ng/m⁴ <1.0 and APHA 232rd Edition Part 31148 11 Benzene (C6H6) in µg/m³ <2.08 5 IS: 5182 (Part-11) 12 Benzo (a) pyrene in ng/m3 <0.4 1 IS: 5182 (Part-12)

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

Report Prepared by :

R. Stoore

for Qualissure Laboratory Services **Reviewed & Authorized By**

Anupam Mandal, Chemist (Authorized Signatory)

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

TEST REPORT Name & Address Of the Customer: Report No. : QLS/MR/A/24-25/C/502 M/s. Neo Metaliks Ltd. Date : 28.10.2024 Vill + P.O. : Gopalpur Sample No. : QLS/MR/A/24-25/502 P.S. : Kanksa, Durgapur Date of Performance(s) :01.10 2024-09 10 2024 Paschim Bardhaman Sample Description : Ambient Air West Bengal - 713 212 Ref No. Date : 3322000741, Dated: 01.03.2024 Analysis Result Location: Near PCM Building Date of Sampling: 28-29.09.2024 Sampling Done by: S Ghosh/P Mandal Sampling done as per: CPCB Guidelines (Volume-1) Environmental Condition: Partly Cloudy SI. Limit as Pollutants Result Method of Test Reference No. per CPCB 1 Particulate matter (PM10) in µg/m3 78 100 IS: 5182 (Part-23), RA-2017 Particulate matter (PM_{2.5}) in µg/m³ 41 2 60 USEPA CFR-40, Part-50, Appendix-L 7.4 3 Sulphur dioxide (SO2) in µg/m³ 80 IS: 5182 (Part-2)-2001, RA-2017 30.7 4 Nitrogen dioxide (NOz) in µg/m³ 80 IS: 5182 (Part- 6)-2006, RA-2017 5 Carbon Monoxide (CO) in µg/m^a 789 2000 IS: 5182 (Part-10):1999, RA-2014 400 6 Ammonia (NH₃) in µg/m³ 17.1 Air Sampling , 3rdEdn -Method-401 7 Ozone (O3) in µg/m³ Air Sampling . 3rdEdn -Method-411 24.2 180 8 Lead (Pb) in µg/m³ < 0.02 1 EPA 10-3.2 & 5.0 Nickel (Ni) in ng/m³ 20 EPA 10-3.2 9 <4.0 Air Sampling , 3rdEdn.Method 402 10 Arsenic (As) in ng/m³ <1.0 6 and APHA 232rd Edition Part 3114B 11 Benzene (C_6H_6) in $\mu g/m^3$ <2.08 5 IS: 5182 (Part-11) 12 Benzo (a) pyrene in ng/m³ <0.4 1 IS: 5182 (Part 12)

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

Report Prepared by :

R. Shoone

for Qualissure Laboratory Services Reviewed & Authorized By

> Anupam Mandal, Chemist (Authorized Signatory)

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DOC NO : QL5/SAMP/08-A/00

TEST REPORT Name & Address Of the Customer: Report No. : QLS/MR/A/24-25/C/503 M/s. Neo Metaliks Ltd. Date :28.10.2024 Vill + P.O. : Gopalpur : QLS/MR/A/24-25/503 Sample No. P.S. : Kanksa, Durgapur Date of Performance(s) :01.10.2024-09.10.2024 Paschim Bardhaman Sample Description : Ambient Air West Bengal - 713 212 Ref No. Date : 3322000741, Dated : 01.03.2024 Analysis Result Location: Near Main Gate Date of sampling : 29-30.09.2024 Sampling Done by: S.Ghosh/P.Mandal Sampling done as per : CPCB Guidelines (Volume-1) Environmental Condition : Clear & Sunny SI. Limit as Pollutants Result Method of Test Reference No. per CPCB 1 Particulate matter (PM10) in µg/m³ 147 100 IS: 5182 (Part-23), RA-2017 2 78 Particulate matter (PM_{2.5}) in µg/m³ 60 USEPA CFR-40, Part-50, Appendix-L 9.8 3 Sulphur dioxide (SO2) in µg/m3 80 IS: 5182 (Part-2)-2001, RA-2017 36.7 4 Nitrogen dioxide (NO₂) in µg/m³ 80 IS: 5182 (Part- 6)-2006, RA-2017 Carbon Monoxide (CO) in µg/m3 5 1098 2000 IS: 5182 (Part-10):1999, RA-2014 6 Ammonia (NH3) in µg/m3 28.3 400 Air Sampling , 3rdEdn -Method-401 7 Ozone (Oa) in ug/m³ Air Sampling , 3rdEdn -Method-411 33.1 180 8 Lead (Pb) in µg/m³ 1 EPA 10-3.2 & 5.0 0.11 Nickel (Ni) in ng/m³ 20 EPA 10-3.2 9 8.6 Air Sampling , 3rdEdn.Method 402 10 Arsenic (As) in ng/m³ <10 6 and APHA 232rd Edition Part 3114B 11 Benzene (C₆H₅) in µg/m³ <2.08 5 IS: 5182 (Part- 11) Benzo (a) pyrene in ng/m³ 12 <0.4 1 IS: 5182 (Part 12)

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

Report Prepared by :

R. Shame

for Qualissure Laboratory Services **Reviewed & Authorized By**

Anupam Mandal, Chemist (Authorized Signatory)

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

		TES	T REPORT	
Name & Address Of the Customer: M/s. Neo Metaliks Ltd. Vill + P.O. : Gopalpur P.S. : Kanksa,Durgapur Paschim Bardhaman West Bengal – 713 212			Report No. Date Sample No. Date of Performat Sample Descriptio Ref No. Date	
	\\71÷ .	Anal	ysis Result	
Loca	tion: Near CPP		Date of sampl	ing . 29-30.09.2024
Sam	pling Done by: S Ghosh/P.Mandal		Sampling don	e as per : CPCB Guidelines (Volume-1)
Envir	ronmental Condition : Clear & Sunny			
SI. No.	Pollutants	Result	Limit as per CPCB	Method of Test Reference
1	Particulate matter (PM $_{10})$ in $\mu g/m^3$	85	100	IS: 5182 (Part-23), RA-2017
2	Particulate matter (PM _{2.5}) in $\mu g/m^3$	47	60	USEPA CFR-40,Part-50, Appendix-L
3	Sulphur dioxide (SO2) in µg/m ³	8.4	80	IS: 5182 (Part-2)-2001, RA-2017
4	Nitrogen dioxide (NO2) in µg/m³	32.3	80	IS: 5182 (Part- 6)-2006, RA-2017
5	Carbon Monoxide (CO) in µg/m ³	961	2000	IS: 5182 (Part-10):1999, RA-2014
6	Ammonia (NH ₃) in µg/m ³	27.1	400	Air Sampling , 3 rd Edn -Method-401
7	Ozone (O3) in µg/m3	30.8	180	Air Sampling , 3 rd Edn -Method-411
8	Lead (Pb) in µg/m ³	0.05	1	EPA IO 3.2 & 5.0
9	Nickel (Ni) in ng/m ³	5.8	20	EPA 10-3.2
10	Arsenic (As) in ng/m ³	<1.0	6	Air Sampling, 3 rd Edn Method 402 and APHA 232 rd Edition Part 3114B
11	Benzene (C ₆ H ₅) in μ g/m ³	<2.08	5	IS: 5182 (Part- 11)
12	Benzo (a) pyrene in ng/m ³	<0.4	1	IS: 5182 (Part- 12)

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

Report Prepared by :

R-Shoome

for Qualissure Laboratory Services **Reviewed & Authorized By**

Anupam Mandal, Chemist (Authorized Signatory)

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Annexure-5

Annexure-5





Park Plaza, 71 Park Street, 6F, North Block, Kolkata - 700 016 Tel.: + 91 33 4050 4050, Fax: + 91 33 2217 7317, E-mail: info@neometaliks.com Website: www.neometaliks.com, CIN: U27109WB2003PLC097231

PURCHASE ORDER

NML/BGTG/MBF-03/03062022

Dated: 06th June, 2022

To,

M/s Beijing Global Technotrade Group (BGTG). (herein after referred to as "Supplier") Room no 763, Poly Plaza, No.14 Dongzhimen South Street, Dongecheng District, <u>Beijing 100027, China</u>

Email: john@sinoindia.cn

Kind Attn: Mr. Carson John-Director (+86-13810934838)

Subject: Purchase Order for Design, Engineering, Manufacturing, Supply of DRY Gas Cleaning Plant (GCP) - 1 Set on FOB China basis including the Supervision Services, Successful Commissioning Spares & 2-Years spares for "268 m3 Blast Furnace required at our Neo Metaliks Limited (herein after referred to as "Purchaser"), Durgapur Plant.

References:-

- 1/ Our Enquiry 18th October '21 & your offer dtd 22nd October '2021.
- 2/ Your revised technical and commercial proposal dtd 28th October 2021 & email dtd 20th Nov' 2021.
- 3/ Various correspondences & techno-commercial proposals & Our Comments dtd. 1st Dec' 2021.
- 4/ Revised Offer Dtd. 17th Dec'2021 & DRY GCP parameter tabulation dtd. 20th Dec'2021.
- 5/ Technical and Commercial offer dtd. 4th Jan'2022 & reference list of DRY GCP dtd.8th Jan'2022.
- 6/ Various Commercial offer dtd.08.03.22, 28.03.22, 02.04.2022, 16.04.2022 & 26.04.2022
- 7/ Scope Matrix confirmation vide email dtd. 2nd Aprl'2022, discussions ending with commercial finalization over VC with our CFO on 5th May'2022. Finally, your e mail confirmation dtd. 6thMay' 2022.

Dear Sirs,

With reference to above subject & based on our various discussions ending with final commercial email dated 6th May'2022 as referred above, we are pleased to issue the Purchase Order for <u>Design</u>, <u>Engineering</u>, <u>Manufacturing</u>, <u>Supply of DRY Gas Cleaning</u> <u>Plant (GCP) - 1 Set "on FOB China basis including the Supervision Services</u>,

Commissioning Spares and 2-Years spares for "268 m3 Blast Furnace required at Neo Metaliks Limited (herein after referred to as "Purchaser"), Durgapur Plant.

The broad terms & conditions are detailed below:-

A. SCOPE OF WORK:

Scope of work shall include broadly following but not limited to:-

"Design, Engineering, Manufacturing, Supply of DRY GCP – 1 Set on FOB China basis including Commissioning Spares along with 2-Years Spares required at our Neo Metaliks Limited, (herein after referred to as "Purchaser"), Durgapur Plant. Detailed Scope of work, Specifications of the Equipment's & Scope of supply along with other Documents required shall be as per "Annexures" mentioned below.

Any supplies / scope of work in Annexure(s) not specifically mentioned herein but required to complete facility of DRY GCP will be in Supplier's scope in order to achieve the agreed guaranteed parameter of DRY GCP and its successful commissioning.

The quantity indicated in the various corresponding references (mention above) is minimum indicative and any additional quantity or any additional scope / items during detailed engineering which is required for completing the scope as agreed to achieve guaranteed performance shall be in Supplier's account.

Spares: (i) Commissioning Spares (ii) 2 Years Spares

Supplier shall supply required commissioning spares along with equipment supply. Supplier further agreed that in case any of the 2-Years O & M spares are consumed during commissioning (if ordered by Purchaser later), it shall be replaced without any cost to Purchaser.

Supervision Service: All supervision services required during erection, testing, commissioning and performance guarantee test till the period Final Acceptance Certificate will be issued by the Purchaser to the Supplier. Supplier shall also undertake to provide required training to Purchaser's personnel for smooth operation and maintenance of the Equipment.

B. CONTRACT PRICE:

Total price for the above scope of work as detailed (in Clause A above and Annexures) shall be USD 1,100,000 (In Words US Dollar One Million One Hundred Thousand only)" on FOB, China Port basis.

Price Break up:

1. Supply price on FOB, China Port Basis – USD 1,100,000 (In Words US Dollar One Million One Hundred Thousand only)"

1.1	Supply Value (FOB, China Port Basis)	: USD 1,100,000	
1.2	Packing & Forwarding (Sea Worthy & Multiple Handling)	: Inclusive in above Price	
1.3	Commissioning Spares	: Inclusive in above Price	
1.4	Supervision Services	: Inclusive in above Price	
1.5	2-Years spares	: Inclusive in above Price	
	Total Contract Price	: USD 1,100,000	

Page 2 of 15

Annexure-6

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DOC NO : QLS//SAMP/08-8/00

TEST REPORT

Name & Address Of the Customer :	Report No.	: QLS/MR/A/23-24/C/186
M/s. Neo Metaliks Ltd.	Date	: 03.06.2023
A THE REPORT NEW YORK OF REPORT OF A THE REPORT	Sample No.	: QLS/MR/A/23-24/186
Vill + P.O. : Gopalpur	Sample Description	: Stack Flue Gas
P.S. : Kanksa, Durgapur	Date of Performance(s)	: 26.05.2023 02.06.2023
Paschim Bardhaman	Sample Mark	: CPP
West Bengal – 713 212	Ref No. Date	: W122505-006, Dated: 05.05.2022

Analysis Result

Date & Ti Sampling	me of Sampling : 22.05.2023 at 12:40 done by : P.Mandal	Sampling Pr	ocedures : EPA/IS
and the second se	al Information of Stack:		
	k connected to	: CPP	
2 Emis	ssion due to	: Combustion	FO & BF Gas
3 Mat	erial of construction of Stack	: MS	
4 Shap	be of Stack	: Circular	
5 Whe	ther stack is provided with permanent platform	: Yes	
6 Gen	eration Capacity	: 4.5 MW	
B : Physi	cal Characteristic of Stack:		and the second
1 Heig	ht of Stack from ground level	: 50.0 m	
2 Dian	neter of Stack at bottom	:	
3 Dian	neter of Stack at sampling point	: 1.4 m	
	ht of the sampling point from ground level	: 31.0 m	
19121	a of Stack	: 1.54m ²	17
C : Analy	sis/Characteristic of Stack :		
1. Fuel	used :BF Gas&Furnace Oil	2. Fuel consur	nption : BF Gas- 24000 Nm ³ /hr
D : Resul	ts of Sampling & Analysis of gaseous Emission :	Result	Method
1 Tem	perature of emission (°C)	: 144	EPA Part 2
2 Barc	ometric pressure (mm of Hg)	: 759	EPA Part 2
3 Velo	ocity of gas (m/sec)	: 9.62	EPA Part 2
4 Qua	ntity of gas flow (Nm ³ /hr)	: 38044	EPA Part 2
5 Con	centration of Carbon monoxide (%)	: <0.2	IS:13270-1992, Reaf : 2017
6 Con	centration of Carbon dioxide (%)	: 6.2	IS:13270-1992, Reaf : 2017
7 Con	centration of Sulphur dioxide (mg/Nm ³)	: 18.1	EPA Part-6
8 Con	centration of Oxides of Nitrogen (mg/Nm ³)	: 33.2	EPA Part-7
	centration of Particulate Matters (mg/Nm ³)	: 15	EPA Part 5
E : Pollut	ion :		
• Deta	ails of pollution control devices attached with the stack	: NIL	
F :Reman			
eport Pre	epared by :	for	Qualissure Laboratory Services
36 N		-hn	Reviewed & Authorized By
her said	portun-	(orall	3
		13/ 10	Brillen
R.S.	Sharist.	and a start of the	Benimad

(Benimadhab Gorai, Chemist) (Authorized Signatory)

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ame & Address Of the Customer :	Report No.		: QLS/A/23-24/0	/187
M/s. Neo Metaliks Ltd.	Date		:03.06.2023	,
	Sample No.		: QLS/A/23-24/1	87
Vill + P.O. : Gopalpur	Sample Description	n	: Stack Flue Gas	
P.S. : Kanksa, Durgapur	Date of Performan	ce(s)	: 26.05.2023-02	06.2023
Paschim Bardhaman	Sample Mark		: Sinter Plant (H	ead ESP)
West Bengal – 713 212	Ref No. Date	-	:W122505-006,	Dated: 05.05.2022
A Second State (State Second State)	Analysis Resu	<u>ilt</u>		
Date & Time of Sampling : 22.05.2023 at 13 Sampling done by : P.Mandal	:05	San	pling Procedure	EPA/IS
A : General Information of Stack:				
1 Stack connected to		: Sint	er Plant (Head ES	2)
2 Emission due to		: Con	bustion BF Gas	
3 Material of construction of Stack		: MS		
4 Shape of Stack		: Circi	ular	
5 Whether stack is provided with perma	nent platform	: Yes		
6. Generation Capacity B : Physical Characteristic of Stack:				
1 Height of Stack from ground level		: 50.0		
2 Diameter of Stack at bottom		:		
3 Diameter of Stack at sampling point		: 2.2	m	
4 Height of the sampling point from gro	und level	: 37.2		3
5 Area of Stack			29 m ²	
C : Analysis/Characteristic of Stack :	and the second	2.972		
1 Fuel used : BF Gas		2. Fue	el consumption : 3	1500 Nm ³ /hr
D : Résults of Sampling & Analysis of gased	ous Emission :	Resul	-	Method
1 Temperature of emission (°C)		: 159		EPA Part 2
2 Barometric pressure (mm of Hg)		: 759	150	EPA Part 2
3 Velocity of gas (m/sec)	ALL TO Same	: 11.7		EPA Part 2
4 Quantity of gas flow (Nm³/hr)		: 1110		EPA Part 2
 5 Concentration of Carbon monoxide (% 6 Concentration of Carbon dioxide (%) 	1	: <0.2		:13270-1992, Reaf : 2017 :13270-1992, Reaf : 2017
 7 Concentration of Sulphur dioxide (mg/ 	Nim31	: 38.1		EPA Part-6
	124-21492	: 52.4		EPA Part-7
			8	
9 Concentration of Particulate Matters (E : Pollution :	IIIB/IAIII)	: 50		EPA Part 5
E : Pollution : Details of pollution control devices att	ached with the stack	: ESP		
F : Remarks : Nil	and a man the stock	1 691		
eport Prepared by :			for Qualissu	re Laboratory Services
R. Sherry			 A statistical distance of the state of the s	ed & Authorized By

(Benimadhab Gorai, Chemist) (Authorized Signatory)

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

TEST	REPORT	
_		

Name & Address Of the Customer :	Report No.	: QLS	/A/23-24/C/188	
M/s. Neo Metaliks Ltd.	Date		6.2023	
Vill + P.O. : Gopalpur	Sample No.	: QLS,	/A/23-24/188	
P.S. : Kanksa, Durgapur	Sample Description		k Flue Gas	
Paschim Bardhaman	Date of Performant	ce : 26.0	5.2023-02.06.2023	
	Sample Mark	: Sinte	er Plant (Tail ESP)	
West Bengal – 713 212	Ref No. Date	: W12	2505-006, Dated: 05.05.2022	
Active design of the Construction of the	Analysis Result			
Date & Time of Sampling : 22.05.2023 at 13	:45	Sampling	Procedures : EPA/IS	
Sampling done by : P.Mandal		Samping	rocedures . Erryis	
A : General Information of Stack:		425775 3247		
1 • Stack connected to 2 Emission due to		Sinter Plan		
3 Material of construction of Stack		Process Act	tivity	
4 Shape of Stack		MS		
5 Whether stack is provided with perman		Circular Yes		
6 Generation Capacity		Tes	694 (S. C. C. C. C. S. 1953)	
B : Physical Characteristic of Stack:	en and an and	1.5	Scoluble and a second	
1 Height of Stack from ground level		40.0 m		
2 Diameter of Stack at bottom				
3 Diameter of Stack at sampling point	And the state of the	: 2.0 m		
4 Height of the sampling point from ground level		: 35.0 m		
5 Area of Stack	:	3.1429 m ²		
C : Analysis/Characteristic of Stack :	We want to be a set of the set of	6.070.00		
1 Fuel used :	2	. Fuel consu	imption :	
D : Results of Sampling & Analysis of gaseou		Result	Method	
1 Temperature of emission (°C)		95	EPA Part 2	
 2 Barometric pressure (mm of Hg) 3 Velocity of gas (m/sec) 		759	EPA Part 2	
		9.43	EPA Part 2	
 4 Quantity of gas flow (Nm³/hr) 5 Concentration of Carbon monoxide (%) 		86254	EPA Part 2	
6 Concentration of Carbon Monoxide (%)		<0.2	IS:13270-1992, Reaf : 2017	
7 Concentration of Sulphur dioxide (mg/N		<0.2	IS:13270-1992, Reaf : 2017	
김 씨님 물건		8.8	EPA Part-6	
8 Concentration of Oxides of Nitrogen (m) 9 Concentration of Particulate Matters (m)	5000 - 200 -	30.0	EPA Part-7	
E : Pollution :	ig/ivm²) :	69	EPA Part 5	
E : Pollution : Details of pollution control devices attac	hed with the stack	ESP		
F : Remarks : Nil		No.		
eport Prepared by :		for Qualissure Laboratory Services		
R. Shame			Reviewed & Authorized By	
		1.000		
		15	Rotoce	

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

(Benimadhab Gorai, Chemist) (Authorized Signatory)

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

TEST	REPORT
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	<u>HEST HET G</u>	<u>, , , , , , , , , , , , , , , , , , , </u>		
Name & Address Of the Customer : M/s. Neo Metaliks Ltd. Vill + P.O. : Gopalpur P.S. : Kanksa,Durgapur Paschim Bardhaman West Bengal – 713 212	Report No. Date Sample No. Sample Description Date of Performanc Sample Mark Ref No. Date	: 03.06.24 : QLS/A/2 : Stack Fl e(s) : 25.05.24 : Vertical	23-24/189	
	Analysis Res	121 1010 101000	05 500,04(cd. 05.05.2022	
Date & Time of Sampling : 22.05.2023 at 14 Sampling done by : P.Mandal	. With the second second		cedures : EPA/IS	
 A: General Information of Stack: Stack connected to Emission due to Material of construction of Stack Shape of Stack Whether stack is provided with perma Generation Capacity 	inent platform		Mill through Bag Filter of pulverized Coal using BF Gas	
B : Physical Characteristic of Stack: 1 Height of Stack from ground level 2. Diameter of Stack at bottom 3 Diameter of Stack at sampling point 4 Height of the sampling point from ground level 5 Area of Stack		: 42.6 m : : 0.820 m : 25.6 m : 0.5283 m ²		
C : Analysis/Characteristic of Stack : 1 Fuel used : BF Gas		2 Eugl concump	tion : 750 Nm³/hr	
 D: Results of Sampling & Analysis of gased Temperature of emission (°C) Barometric pressure (mm of Hg) Velocity of gas (m/sec) Quantity of gas flow (Nm³/hr) Concentration of Carbon monoxide (%) Concentration of Sulphur dioxide (mg/ Concentration of Oxides of Nitrogen (r Concentration of Particulate Matters (E: Pollution : Details of pollution control devices atternal) 'Nm³) ng/Nm³) mg/Nm³)	Result : 83 : 759 : 14.92 : 23750 : <0.2	Method EPA Part 2 IS:13270-1992, Reaf : 2017 IS:13270-1992, Reaf : 2017 EPA Part-6 EPA Part 5	
F : Remarks : Nil				
R. Second			ualissure Laboratory Services Reviewed & Authorized By	

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

lame & Address Of the Customer :	Report No	42	: QLS/A/23-24/C/190
//s. Neo Metaliks Ltd.	Date		: 03.06.2023
ill + P.O. : Gopalpur	Sample Ne		: QLS/A/23-24/190
	Sample De		: Stack Flue Gas
.S. : Kanksa, Durgapur	Internet a des de seu en	erformance(s)	: 26.05.2023-02.06.2023
aschim Bardhaman	Ref No. D:	10 A	
Vest Bengal – 713 212	Analysis Resu		: W122505-006, Dated: 05.05.202
	Analysis Neso	<u></u>	
Date & Time of Sampling : 23.05.2023 at 12:05		Sampling Pro	ocedures : EPA/IS
ampling done by : C.Sahoo	Thilles,		
		: MBF Plant (B	last Euroacol
1 Stack connected to 2 Emission due to		: Combustion I	
3 Material of construction of Stack		: MS	
4 Shape of Stack		: Circular	
5 Whether stack is provided with permanent platf	form	: Yes	
6 Generation Capacity		:	
B : Physical Characteristic of Stack:		100	
1 Height of Stack from ground level		: 50.0 m	
2 Diameter of Stack at bottom		:	
3 Diameter of Stack at sampling point		: 2.29 m	
4 Height of the sampling point from ground level		: 26.82 m	eron H
5 Area of Stack	Construction of	: 4.1204 m ²	
: Analysis/Characteristic of Stack :	10000 3/	. Ice	20 Kee the
1 Fuel used : BF Gas & Coke2. Fuel consumption			
) : Results of Sampling & Analysis of gaseous Emissi	ion :	Result	Method EPA Part 2
1 Temperature of emission (°C)		: 180	
2 Barometric pressure (mm of Hg)		: 759	EPA Part 2 EPA Part 2
3 Velocity of gas (m/sec)	and the second second	: 10.76	EPA Part 2
4 Quantity of gas flow (Nm ³ /hr)		: 104805	IS:13270-1992, Reaf : 2017
5 Concentration of Carbon monoxide (%) 6 Concentration of Carbon dioxide (%)		: <0.2	IS:13270-1992, Reaf : 2017
		: 40.9	EPA Part-6
7 Concentration of Sulphur dioxide (mg/Nm ³)			
8 • Concentration of Oxides of Nitrogen (mg/Nm ³)		: 47.1	EPA Part-7
9 Concentration of Particulate Matters (mg/Nm ³)	2	: 34	EPA Part 5
: Pollution : Details of pollution control devices attached wit	h the stack	: Cyclone Sepa	rator, Saturator &Ventury scrubber
Remarks : Nil			
port Prepared by :		for	Qualissure Laboratory Services
R. sheer-		1000	Reviewed & Authorized By
a contractility		(BLabo	Conner Dance
		115/10	Vall Cours

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CCT DE	ODT	DOC NO : QLS/SAMP/08-E	8/00
EST REI	OKI		
Report	No.	: QLS/A/23-24/C/191	
Date		: 02.06.2023	
Sample	No.	: QLS/A/23-24/191	
Sample	Description		
1010000100000		· · · · · · · · · · · · · · · · · · ·	
	- 1		
		: W122505-06, Dated: 05.05	2022
nalysis r	tesuit		
1217	Sampling Proce	dures : EPA/IS	
		ISD	
	50400VT0		
orm			
-	: 1500 kVA	and the second sec	
	. 0.045211		
	2. Fuel consumpti	on : 276 lit/hr	
n:	Result	Method	LIM
	: 240	EPA Part 2	
	: 759	EPA Part 2	222
	: 18.19	EPA Part 2	****
			15
		김 명이가 관계하고 하는 그 것이가 많아야 한 것이 같아요? 좀 보고 말았는지?	-
		EPA Part-6	71
	: 10.9 at 15% O2	EPA Part-7	10
	: 41.2 at 15% O2	EPA Part 5	75
the stack	: Nil		
	for	Qualissure Laboratory Services	s
	,	CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR	
	Report Datc Sample Date of Ref No. nalysis F	Sample No. Sample Description Date of Performance(s) Ref No. Date malysis Result Sampling Proce : DG Set-1500 kV/ : Combustion of H : MS : Circular m: Yes : 1500 kVA : 30.0 m : : 0.25 m : 7.62 m : 0.0491m ² 2. Fuel consumption n: Result : 240 : 759 : 18.19 : 1867 : 79.7 at 15% O ₂ : 5.6 : <3.4 : 10.9 at 15% O ₂ : 41.2 at 15% O ₂ : 41.2 at 15% O ₂	ST REPORT Report No. : QL5/A/23-24/C/191 Date : 02.06.2023 Sample No. : QL5/A/23-24/191 Sample Description : Stack Flue Gas Date of Performance(s) : 26.05.2023-02.06.2023 Ref No. Date : W122505-06, Dated: 05.05. malysis Result Sampling Procedures : EPA/IS : DG Set-1500 kVA : Combustion of HSD : MS : Circular : TSO0 kVA : 30.0 m : : 0.25 m : 7.62 m : 0.0491m² 2. Fuel consumption : 276 lit/hr n: Result MEthod : 240 : 240 EPA Part 2 : 7.59 EPA Part 2 : 1810 EPA Part 2 : 75.9 EPA Part 2 : 1867 EPA Part 2 : 79.7 at 15% O2 IS:13270-1992, Reaf : 2017 : 5.6 IS:13270-1992, Reaf : 2017 :

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

TEST	REPORT		
Name & Address Of the Customer :	Report No.	: QLS/A/23-24/C/192	
M/s. Neo Metaliks Ltd.	Date	: 03.06.2023	
Vill + P.O. : Gopalpur	Sample No.	: QLS/A/23-24/192	
P.S. : Kanksa, Durgapur	Sample Description	: Stack Flue Gas	
Paschim Bardhaman	Date of Performance(s)	: 25.06.2023-02.06.2023	
West Bengal – 713 212	Ref No. Date	: W122505-006, Dated: 05.05	.2022
	ysis Result		
Date & Time of Sampling : 23.05.2023 at 13:15	100 D		
Sampling done by : P.Mandal	Sampling Procedu	ires : EPA/IS	
A : General Information of Stack:			
1 Stack connected to	: DG Set-1250 kVA		
2 Emission due to	: Combustion of H	SD	
3 Material of construction of Stack	: MS		
4 Shape of Stack	: Circular		
5 Whether stack is provided with permanent platform	: Yes		
6 Generation Capacity	: 1250 kVA	and the second	
B : Physical Characteristic of Stack:		H. S.M. S. S. S.	
1 Height of Stack from ground level	: 30.0 m		
2 Diameter of Stack at bottom	:		
3 Diameter of Stack at sampling point	: 0.25 m		
4 Height of the sampling point from ground level	: 7.62 m		
5 Area of Stack	: 0.0491 m ²		
C : Analysis/Characteristic of Stack :			
1 · Fuel used :HSD	2. Fuel consumpti		
D : Results of Sampling & Analysis of gaseous Emission :		Method	LIM
 Temperature of emission (°C) 	: 230	EPA Part 2	
2 Barometric pressure (mm of Hg)	: 759	EPA Part 2	
3 Velocity of gas (m/sec)	: 14.29	EPA Part 2	
4 Quantity of gas flow (Nm ³ /hr)	: 1495	EPA Part 2	150
5 Concentration of Carbon monoxide(mg/Nm ³)	: 83.2 at 15% O ₂	IS:13270-1992, Reaf : 2017	
6 Concentration of Carbon dioxide(%v/v)	: 4.6	IS:13270-1992, Reaf : 2017	
7 Concentration of Sulphur dioxide (mg/Nm ³)	: <3.4	EPA Part-6	710
8 Concentration of Oxides of Nitrogen (ppm)	: 12.4 at 15% O2	EPA Part-7	100
9 Concentration of Particulate Matters (mg/Nm ³)	: 41 at 15% O ₂	EPA Part 5	75
E : Pollution : Details of pollution control devices attached with th	e stack : NIL		
F :Remarks : Nil			
eport Prepared by :	for	Qualissure Laboratory Service	5
R. Shoome	1	Reviewed & Authorized By	
1 - SADEMA	1010	Britosu	
Υ.		ST Vell Com	
x.	En la	Benimadhab Gorai, Chemist)	
	11.4	(Authorized Signatory)	

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TE	ST REPORT		DOC NO : QLS//SAMP/08-I	
	Report No.		: QLS/MR/A/24-25/C/364	
	Date		03.08.2024	
M/s. Neo Metaliks Ltd.	Sample No.		: QLS/MR/A/21-25/361	
viii + P.O Gopaiput	10000000000000000000000000000000000000	00000	19 19 19 19 19 19 19 19 19 19 19 19 19 1	
rist franksa, sar Babar	Sample Descri		: Stack Flue Gas	
	Date of Perfor	mance(s)	: 26.07.2024-03.08.2024	
West Bengal – 713 212	Ref No. Date		: 3322000741,Dated:01.03.2024	
	alysis Resul	t		
Date & Time of Sampling : 22.07.2024 at 12:00 Hrs.		Samoling 4	Procedures : EPA/IS	
Sampling done by : S.Ghosh		southing t	rocedures . EFAVIS	
A : General Information of Stack:			r digat	
1 Stack connected to			(Head ESP)	
2 Emission due to	100 CT 100 CT 100 CT 100 CT	ombustion	n BF Gas	
3 Material of construction of Stack		٨S		
4 Shape of Stack		lircular		
5 Whether stack is provided with permanent platfor		: Yes		
6 Generation Capacity	12	n 4 19 (151)	autor and a	
B : Physical Characteristic of Stack:				
1 Height of Stack from ground level	1927	0.0 m		
2 Diameter of Stack at bottom				
3 Diameter of Stack at sampling point 4 Height of the sampling point from ground level		2 m		
Berer and sempling period for Broand revel	0.453	7.25 m		
- Theo of Stack	:3	.8029 m ²		
C : Analysis/Characteristic of Stack : 1 Fuel used : BF Gas				
	CONTRACTOR OF A DESCRIPTION OF A DESCRIP	the second second second second	imption : 3500 Nm³/hr	
D : Results of Sampling & Analysis of gaseous Emission 1 Temperature of emission (°C)	Contraction of the second second	sult	Method	
	556506656666660 1 77	48	EPA Part 2	
2 Barometric pressure (mm of Hg) 3 Velocity of gas (m/sec)		49	EPA Part 2	
4 Quantity of gas flow (Nm ³ /hr)		1.83	EPA Part 2	
5 Concentration of Carbon monoxide (%)	000000075	12923	EPA Part 2	
6 Concentration of Carbon monoxide (%) 6 Concentration of Carbon dioxide (%)		0.2	IS:13270-1992, Reaf : 2019	
	AGE	.0	IS:13270-1992, Reaf : 2019	
	EUDIC.	7.1	EPA Part-6	
8 Concentration of Oxides of Nitrogen (mg/Nm ³)	:3	1.1	EPA Part-7	
9 Concentration of Particulate Matters (mg/Nm ³)	;4	3	EPA Part 5	
E: Pollution :				
Details of pollution control devices attached with t	he stack : E	SP		
: Remarks : Nil	8			
eport Prepared by : THAP	14 E.	for	Qualissure Laboratory Services Reviewed & Authorized By	

Benimadhab Goral, Chemist (Authorized Signatory)

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

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TEST REPORT Name & Address Of the Customer : Report No. :QLS/MR/A/24-25/C/366 Date :03.08.2024 M/s. Neo Metaliks Ltd. VIII + P.O. : Gopalpur Sample No. : QLS/MR/A/24-25/366 P.S. : Kanksa, Durgapur Sample Description : Stack Flue Gas Paschim Bardhaman Date of Performance(s) : 25.07.2024-03.08.2024 West Bengal - 713 212 Ref No. Date : 3322000741, Dated: 01.03.2024 **Analysis Result** Date & Time of Sampling : 22.07.2024 at 14:00 Hrs. Sampling Procedures : EPA/IS Sampling done by : S.Ghosh A : General Information of Stack: 1 Stack connected to DG Set-1250 kVA 2 Emission due to : Combustion of HSD 3 Material of construction of Stack MS 4 Shape of Stack : Circular Whether stack is provided with permanent platform 5 : Yes 6 **Generation Capacity** : 1250 kVA B : Physical Characteristic of Stack: 1 Height of Stack from ground level : 30.0 m Diameter of Stack at hottom 2 : ----3 Diameter of Stack at sampling point : 0.25 m 4 Height of the sampling point from ground level : 7.62 m 5 Area of Stack : 0.0491 m² C : Analysis/Characteristic of Stack : Fuel used :HSD 1 2. Fuel consumption : 230 lit/hr D : Results of Sampling & Analysis of gaseous Emission : Result Method LIMIT Temperature of emission (°C) 1 : 225 EPA Part 2 Barometric pressure (mm of Hg) 2 : 749 EPA Part 2 Velocity of gas (m/sec) 3 : 15.82 EPA Part 2 4 Quantity of gas flow (Nm³/hr) : 1650 EPA Part 2 Concentration of Carbon monoxide(mg/Nm3) 5 : 74.3 at 15% Oz IS:13270-1992, Reaf : 2019 150 Concentration of Carbon dioxide(%v/v) 6 : 5.0 IS:13270-1992, Reaf : 2019 -7 Concentration of Sulphur dloxide (mg/Nm³) : 10.6 EPA Part-6 Concentration of Oxides of Nitrogen (ppm) 8 : 10.2 at 15% O2 EPA Part-7 710 9 Concentration of Particulate Matters (mg/Nm³) : 28 at 15% O2 EPA Part 5 75 E: Pollution : Details of pollution control devices attached with the stack : NIL F:Remarks: Nil

Report Prepared by :

for Qualissure Laboratory Services Reviewed & Authorized By

Benimadhab Gorai, Chemist (Authorized Signatory)

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TEST REP	ORT	DOC NO. QUS/SAMP	/00-D/		
	the second s	: OLS/MR/A/24-25/C/367			
1 A A					
1.000	No				
		Contraction of the second s			
1.992 (107/200		이 가지 않는 것이 같은 것이 같은 것이 같은 것이 같이 있다.			
		: 26.07.2024-03.08.2024			
Ref No.	Date	: 3322000741,Dated:01.03.2	2024		
	lesult				
5.	Sampling Proces	Surger - EDA /IS			
	Sauhunk Lincer	IUTES . EPAVIS			
	1000 (per 1990) 2000)				
	: DG Set-1500 kVA				
1	: Combustion of H	SD			
	:M\$				
	: Circular				
latform	: Yes				
	: 1500 kVA				
	: 30.0 m				
	t				
	: 0.25 m				
vel -	: 7.62 m				
ali in	: 0.0491m ²				
	2. Fuel consumption	on : 270 lit/hr			
ission :	Result	Method	LIMI		
	: 238	EPA Part 2			
	: 749	EPA Part 2			
	: 19.22	EPA Part 2			
1990. 1990.	: 1954	FPA Part 2			
	: 77.2 at 15% O2	IS:13270-1992, Reaf : 2019	150		
	: 4.6	IS:13270-1992, Reaf : 2019			
	. 12.2	EPA Part-6			
	: 11.9 at 15% Oz	EPA Part-7	710		
າ")	: 41 at 15% O2	EPA Part 5	75		
	1				
with the stack	: Nil				
119100					
	Report Date Sample Date of Ref No. Analysis F S.	Sample No. Sample Description Date of Performance(s) Ref No. Date Analysis Result S. Sampling Process : DG Set-1500 kVA : Combustion of H: : MS : Circular : Circular : MS : Circular : Circula	Report No. : QLS/MR/A/24-25/C/367 Date : 03.08.2024 Sample No. : QLS/MR/A/24-25/367 Sample Description : Stack Flue Gas Date of Performance(s) : 26.07.2024-03.08.2024 Ref No. Date : 3322000741,Dated:01.03.2 Analysis Result		

yau

Reviewed & Authorized By

mine Benimadhab Gorai/Chemist (Authorized Signatory)

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

TEST	REPORT	BOC NO : QLS/SAMITIO
and the second se	Report No.	: QLS/MR/A/24-25/C/368
C	Date	: 03.08.2024
M/s. Neo Metaliks Ltd.	iample No.	: QLS/MR/A/24 25/368
viii + P.O. , Gopalpui	ample Description	Stack Flue Gas
ist i humation Bobai	Date of Performance(s)	: 26.07.2024-03.08.2024
	Ref No. Date	: 3322000741,Dated:01.03.2024
	sis Result	
Date & Time of Sampling : 22.07.2024 at 15:40 Hrs.	Sampling P	rocedures : EPA/IS
Sampling done by S.Ghosh	· ·	
A : General Information of Stack:		
1 Stack connected to		er Mill through Bag Filter
2 Emission due to		ng of pulverized Coal using BF Gas
3 Material of construction of Stack	: MS	
4 Shape of Stack	: Circular	
5 Whether stack is provided with permanent platform		
6 Generation Capacity	1	the second s
B : Physical Characteristic of Stack:		
Height of Stack from ground level Diameter of Stack at bottom	:42.6 m	
- Children of Order at Doctorin States	:	
 3 Diameter of Stack at sampling point 4 Height of the sampling point from ground level 	: 0.820 m : 25.6 m	
Area of Stack	: 0.5283 m ²	
C : Analysis/Characteristic of Stack :	. 0.5265 11	and the second se
1 Fuel used : BF Gas	2. Fuel consur	nption : 750 Nm³/hr
D : Results of Sampling & Analysis of gaseous Emission :		Method
1 Temperature of emission (°C)	:87	EPA Part 2
2 Barometric pressure (mm of Hg)	:749	FPA Part 2
3 Velocity of gas (m/sec)	: 16.49	EPA Part 2
4 Quantity of gas flow (Nm ³ /hr)	: 25603	EPA Part 2
5 Concentration of Carbon monoxide (%)	:<0.2	IS:13270-1992, Reaf : 2019
6 Concentration of Carbon dioxide (%)	:<0.2	IS:13270-1992, Reaf : 2019
7 Concentration of Sulphur dioxide (mg/Nm ²)	:<3.4	EPA Part-6
8 Concentration of Oxides of Nitrogen (mg/Nm ³)	: 12.3	EPA Part 7
9 Concentration of Particulate Matters (mg/Nm ³)	:29	EPA Part 5
E : Pollution :		
Details of pollution control devices attached with the	e stack : Bag Filter	
F : Remarks : Nil		
leport Prepared by :	foi	Qualissure Laboratory Services
YCIERS		Reviewed & Authorized By
		6 de la contra de
		Onder Car Stall

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

TEST REPORT Name & Address Of the Customer : Report No. : QLS/MR/A/24-25/C/369 Date :03.08.2024 M/s. Neo Metaliks Ltd. Sample No. : QLS/MR/A/24 25/369 Vill + P.O. : Gopalpur : Stack Flue Gas Sample Description P.S. : Kanksa, Durgapur Paschim Bardhaman Date of Performance(s) : 26.07.2024-03 08.2024 West Bengal - 713 212 Ref No. Date : 3322000741, Dated: 01.03.2024 **Analysis Result** Date & Time of Sampling : 23.07.2024 at 10:10 Hrs. Sampling Procedures : EPA/IS Sampling done by : S.Ghosh A : General Information of Stack: Stack connected to 1 : CPP 2 Emission due to : Combustion FO & BF Gas Material of construction of Stack 3 : MS 4 Shape of Stack : Circular Whether stack is provided with permanent platform 5 : Yes 6 **Generation Capacity** : 4.5 MW B : Physical Characteristic of Stack: 1 Height of Stack from ground level : 50.0 m 2 Diameter of Stack at bottom 3 Diameter of Stack at sampling point. : 1.4 m 4 Height of the sampling point from ground level : 31.0 m 5 Area of Stack : 1.54m² C : Analysis/Characteristic of Stack : Fuel used : BF Gas & Furnace Oil 2. Fuel consumption : BF Gas- 24000 Nm3/hr D : Results of Sampling & Analysis of gaseous Emission : Result Method 1 Temperature of emission (°C) : 130 EPA Part 2 2 Barometric pressure (mm of Hg) : 749 EPA Part 2 3 Velocity of gas (m/sec) : 12.52 EPA Part 2 4 Quantity of gas flow (Nm³/hr) 46512 EPA Part 2 5 Concentration of Carbon monoxide (%) : <0.2 IS:13270 1992, Reaf : 2019 Concentration of Carbon dioxide (%) 6 : 5.2 IS:13270-1992, Reaf : 2019 7 Concentration of Sulphur dioxide (mg/Nm³) : 76.1 EPA Part-G 8 Concentration of Oxides of Nitrogen (mg/Nm³) :46.9 EPA Part-7 9 Concentration of Particulate Matters (mg/Nm³) :63 EPA Part 5 E: Pollution : Details of pollution control devices attached with the stack : NIL F:Remarks: Nil Report Prepared by : for Qualissure Laboratory Services **Reviewed & Authorized By**

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

Benimadhab Gorai, Chemist (Authorized Signatory)

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DOC NO : QLS/SAMP/08-B/00 TEST REPORT Name & Address Of the Customer : Report No. : QLS/MR/A/24-25/C/370 Date :03.08.2024 M/s. Neo Metaliks Ltd. Sample No. :QLS/MR/A/24-25/370 Vill + P.O. : Gopalpur P.S. : Kanksa, Durgapur Sample Description : Stack Flue Gas Paschim Bardhaman Date of Performance(s) : 26.07.2024-03.08.2024 West Bengal - 713 212 Ref No. Date : 3322000741.Dated:01.03.2024 Analysis Result Date & Time of Sampling : 23.07.2024 at 11:30 Hrs. Sampling Procedures : EPA/IS Sampling done by · S Ghosh A : General Information of Stack: 1 Stack connected to : MBF Plant (Blast Furnace) Z Emission due to : Combustion BF Gas & Coke 3 Material of construction of Stack : MS 4 Shape of Stack : Circular 5 Whether stack is provided with permanent platform : Yes 6 Generation Capacity B : Physical Characteristic of Stack: 1 Height of Stack from ground level : 50.0 m 2 Diameter of Stack at bottom 3 Diameter of Stack at sampling point : 2.29 m Height of the sampling point from ground level 4 : 26.82 m 5 Area of Stack : 4.1204 m² C : Analysis/Characteristic of Stack : Fuel used : BF Gas & Coke 2.Fuel consumption : 40000 m3/hr. / Store Coke 600 Kgs./hr. D : Results of Sampling & Analysis of gaseous Emission : Result Method 1 Temperature of emission (°C) :136 EPA Part 2 2 Barometric pressure (mm of Hg) : 749 EPA Part 2 Velocity of gas (m/sec) 3 : 11.55 EPA Part 2 4 Quantity of gas flow (Nm^a/hr) 122963 EPA Part 2 Concentration of Carbon monoxide (%) 5 <0.2 15:13270-1992, Reaf : 2019 6 Concentration of Carbon dioxide (%) : 3.6 IS:13270-1992, Reaf : 2019 7 Concentration of Sulphur dioxide (mg/Nm³) : 19.0 EPA Part-6 Concentration of Oxides of Nitrogen (mg/Nm³) 8 : 29.2 EPA Part-7 Concentration of Particulate Matters (mg/Nm³) 9 : 18 **FPA Part 5** E: Pollution : Details of pollution control devices attached with the stack : Cyclone Separator, Saturator & Ventury scrubber F:Remarks: Nil Report Prepared by : for Qualissure Laboratory Services Reviewed & Authorized By PILOCI Benimadhab Gorai, Chemist (Authorized Signatory)

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	TEST REPO	RT	DOC NO : QLS//SAMP/08
Name & Address Of the Customer :	Report No.		: QLS/MR/A/24-25/C/365
	Date		:03.08.2024
M/s. Neo Metaliks Ltd.	Sample No		: QLS/MR/A/24 25/365
Vill + P.O. : Gopalpur	12.19451.19452.947-9614-4		: Stack Flue Gas
P.S. : Kanksa, Durgapur	Sample De	22 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
Paschim Bardhaman		rformance(s)	: 26.07.2024-03.08.2024
West Bengal – 713 212	Ref No. Da	te	: 3322000741,Dated:01.03.2024
	Analysis Re	sult	
Date & Time of Sampling : 22.07.2024 at 13:10	Hrs.	Sampling F	Procedures : EPA/IS
ampling done by S.Ghosh	1238	Southing 1	Incedures . EPAIS
A : General Information of Stack:			
1 Stack connected to		: Sinter Plant	
2 Emission due to		: Process Act	ivity
3 Material of construction of Stack		: MS	
4 Shape of Stack	Need and a second s	: Circular	
5 Whether stack is provided with permanent Generative Generative Generativ	t platform	: Yes	
6 Generation Capacity			
B : Physical Characteristic of Stack: 1 Height of Stack from ground level			
0		: 40.0 m	
2 Diameter of Stack at bottom		:	
3 Diameter of Stack at sampling point		: 2.0 m	
4 Height of the sampling point from ground I 5 Area of Stack	level	: 35.0 m	
: Analysis/Characteristic of Stack :		: 3.1429 m ²	WHICH IN THE REAL PROPERTY OF
1 Fuel used :	All and a second		-swillow
2 Results of Sampling & Analysis of gaseous E		2. Fuel consu	
1 Temperature of emission (°C)	mission :	Result	Method
2 Barometric pressure (mm of Hg)		: 85	EPA Part 2
3 Velocity of gas (m/sec)		: 749	EPA Part 2
4 Quantity of gas flow (Nm ³ /hr)		: 8.91	EPA Part 2
5 Concentration of Carbon monoxide (%)		:82734	EPA Part 2
6 Concentration of Carbon dioxide (%)		:<0.2	IS:13270 1992, Reaf : 2019
 Concentration of Sulphur dioxide (mg/Nm³ 		: 2.2	IS:13270-1992, Reaf : 2019
and the second s	Pacific of Sciences	: 8.2	EPA Part-G
and the state of the second state of the secon		: 19.9	EPA Part-7
some indention of a micenare marters (mg/)	Nmª)	: 30	EPA Part 5
: Pollution :			
Details of pollution control devices attache : Remarks : Nil	d with the stack	: ESP	
: Remarks ! Nil			

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

Benimadhab Gorai, Chemist (Authorized Signatory)

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

TE	ST REPOR	Г	
Name & Address Of the Customer :	Report No.		: QLS/MR/A/24-25/C/511
	Date		: 28.10.2024
M/s. Neo Metaliks Ltd.	Sample No.		: QLS/MR/A/24-25/511
Vill + P.O. : Gopalpur	Sample Desci	ription	: Stack Flue Gas
P.S. : Kanksa, Durgapur	Date of Perfo	2.45° 2.525.15	: 05 10 2024-22 10 2024
Paschim Bardhaman		irmance(s)	
West Bengal – 713 212	Ref No. Date		: 3322000741, Dated: 01.03.2024
	alysis Resu	ilt	
Date & Time of Sampling : 03.10.2024 at 14:10 Hrs.	1000	Samoline F	Procedures : EPA/IS
Sampling done by S.Ghosh		Southing 1	ieccures : crigio
A : General Information of Stack:			
1 Stack connected to			t (Head ESP)
2 Emission due to		Combustion	n BF Gas
3 Material of construction of Stack	0.0000000000000000000000000000000000000	MS	
4 Shape of Stack		Circular	
5 Whether stack is provided with permanent platform		: Yes	
6 Generation Capacity			internet and a second second
B : Physical Characteristic of Stack:			
1 Height of Stack from ground level		50.0 m	
2 Diameter of Stack at bottom		****	
Diameter of Stack at sampling point		2.2 m	
4 Height of the sampling point from ground level		37.25 m	
5 Area of Stack	23	3.8029 m ²	
C : Analysis/Characteristic of Stack :			
1 Fuel used : BF Gas	CLARK TABLE IN THE REAL PROPERTY OF	A CONTRACT OF	umption : 3500 Nm³/hr
D : Results of Sampling & Analysis of gaseous Emissio		Result	Method
1 Temperature of emission (°C)		130	EPA Part 2
2 Barometric pressure (mm of Hg)		752	EPA Part 2
3 Velocity of gas (m/sec)		12.53	EPA Part 2
4 Quantity of gas flow (Nm ³ /hr)		122668	EPA Part 2
5 Concentration of Carbon monoxide (%)		<0.2	15:13270-1992, Reaf : 2019
6 Concentration of Carbon dioxide (%)		5.8	IS:13270-1992, Reaf : 2019
7 Concentration of Sulphur dioxide (mg/Nm ³)		46.1	EPA Part-6
8 Concentration of Oxides of Nitrogen (mg/Nm ³)	Regnand stars	28.7	EPA Part-7
9 Concentration of Particulate Matters (mg/Nm ³)	1	32	EPA Part 5
E : Pollution :			
Details of pollution control devices attached with	the stack :	ESP	
F : Remarks : Nil			

Report Prepared by :

R. Shoome

for Qualissure Laboratory Services Reviewed & Authorized By

Anupam Mandal, Chemist (Authorized Signatory)

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TES	T REPORT	DOC NO : QLS/SAMP/08-B,
	Report No.	: QLS/MR/A/24-25/C/512
	Date	: 28.10.2024
ivi/s. iveo ivietaliks Ltd.	Sample No.	: QLS/MR/A/24-25/512
the coperation		·····································
	Sample Description	
FIG. 4 CONTRACTOR CONTRACTOR CONTRACTOR AND A CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRAC	Date of Performa	The second se
West Bengal – 713 212	Ref No. Date	: 3322000741,Dated:01.03.2024
	lysis Result	
Date & Time of Sampling : 01.10.2024 at 11:25 Hrs.	Sami	pling Procedures : EPA/IS
Sampling done by S.Ghosh A : General Information of Stack:		
1 Stack connected to		Plant (Blast Furnace)
2 Emission due to 3 Material of construction of Stack		oustion BF Gas & Coke
3 Material of construction of Stack 4 Shape of Stack	: MS	
 Shape of Stack Whether stack is provided with permanent platform 	: Circu	lar
6 Generation Capacity	n : Yes	
B : Physical Characteristic of Stack:	1	
1 Height of Stack from ground level	: 50.01	and the second se
2 Diameter of Stack at bottom	1 50.01	m
3 Diameter of Stack at sampling point	: 2.291	
4 Height of the sampling point from ground level	26.82	000000000000000000000000000000000000000
5 Area of Stack	: 4.120	
C : Analysis/Characteristic of Stack :	19.120	ia m
1 Fuelused : BF Gas & Coke	2.Fuel consum	ption : 40000 m ³ /hr. / Store Coke 600 Kgs./h
D : Results of Sampling & Analysis of gaseous Emission :	Result	
1 Temperature of emission (°C)	: 138	EPA Part 2
2 Barometric pressure (mm of Hg)	: 751	EPA Part 2
3 Velocity of gas (m/sec)	: 9.34	EPA Part 2
4 Quantity of gas flow (Nm ³ /hr)	; 99192	2 EPA Part 2
5 Concentration of Carbon monoxide (%)	:<0.2	IS:13270-1992, Reaf : 2019
6 Concentration of Carbon dioxide (%)	: 4.0	I5:13270-1992, Real : 2019
7 Concentration of Sulphur dioxide (mg/Nm ³)	: 19.9	EPA Part-6
8 Concentration of Oxides of Nitrogen (mg/Nm ³)	: 31.2	EPA Part-7
9 Concentration of Particulate Matters (mg/Nm ³)	: 26	EPA Part 5
E : Pollution : Details of pollution control devices attached with the	e stack : Cyclor	ne Separator, Saturator & Ventury scrubber
F :Remarks : Nil		
eport Prepared by : R-Susne		for Qualissure Laboratory Services Reviewed & Authorized By

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

Anupam Mandal, Chemist (Authorized Signatory)

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

TEST REPORT Name & Address Of the Customer : Report No. : QLS/MR/A/24-25/C/513 Date : 28.10.2024 M/s. Neo Metailks Ltd. Sample No. : OLS/MR/A/24-25/513 Vill + P.O. : Gopalpur P.S.: Kanksa, Durgapur Sample Description : Stack Flue Gas Paschim Bardhaman Date of Performance(s) :05.10.2024-22.10.2024 West Bengal - 713 212 Ref No. Date : 3322000741.Dated:01.03.2024 Analysis Result Date & Time of Sampling : 03.10.2024 at 15:40 Hrs. Sampling Procedures : EPA/IS Sampling done by : S.Ghosh A : General Information of Stack: 1 Stack connected to : DG Set-1250 kVA 2 Emission due to : Combustion of HSD 3 Material of construction of Stack : MS Shape of Stack 4 : Circular : Yes 5 Whether stack is provided with permanent platform 6 Generation Capacity : 1250 kVA B : Physical Characteristic of Stack: 1 Height of Stack from ground level : 30.0 m 2 Diameter of Stack at bottom 3 Diameter of Stack at sampling point : 0.25 m 4 Height of the sampling point from ground level ; 7.62 m Area of Stack : 0.0491 m² 5 C: Analysis/Characteristic of Stack : 1 Fuel used :HSD 2. Fuel consumption : 230 lit/hr D : Results of Sampling & Analysis of gaseous Emission : Result Method LIMIT 1 Temperature of emission (°C) : 212 FPA Part 2 2 Barometric pressure (mm of Hg) : 752 EPA Part 2 3 Velocity of gas (m/sec) : 15.19 FPA Part 2 4 Quantity of gas flow (Nm3/hr) : 1633 EPA Part 2 5 Concentration of Carbon monoxide(mg/Nm³) : 76.7 at 15% O2 IS:13270-1992, Reaf : 2019 150 6 Concentration of Carbon dioxide(%v/v) : 4.8 IS:13270-1992, Reaf : 2019 7 Concentration of Sulphur dioxide (mg/Nm3) 12 5 EPA Part-6 -8 Concentration of Oxides of Nitrogen (ppm) : 11.7 at 15% O2 EPA Part-7 710 9 Concentration of Particulate Matters (mg/Nm⁸) : 30 at 15% O2 EPA Part 5 75 E: Pollution : Details of pollution control devices attached with the stack : NIL F:Remarks: Nil Report Prepared by : for Qualissure Laboratory Services **Reviewed & Authorized By** Rechange Anupam Mandal, Chemist

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

(Authorized Signatory)

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

	TEST RE	PORT		
Name & Address Of the Customer :	Repo	rt No.	: QLS/MR/A/24-25/C/514	
	Date		: 28.10.2024	
M/s. Neo Metaliks Ltd.	Samp	le No.	: QLS/MR/A/24-25/514	
Vill + P.O. : Gopalpur		le Description	: Stack Flue Gas	
P.S. : Kanksa, Durgapur Paschim Bardhaman	111420-0111	of Performance(s)	: 05.10.2024 22.102024	
West Bengal – 713 212	1.05.055RtP	o. Date	: 3322000741,Dated:01.03.2	10.04
West bengal - 715 212	1	or bott.	: 3322000741,Dated:01.03.	2024
Date & Time of Sampling : 03.10.2024 at 15:00 H	Analysis			
Sampling done by : S.Ghosh	15.	Sampling Proced	ures : EPA/IS	
A : General Information of Stack:	10			
1 Stack connected to		: DG 5et-1500 kVA		
2 Emission due to		: Combustion of HS	SD	
3 Material of construction of Stack		: M5	the second second second	
4 Shape of Stack		: Circular		
5 Whether stack is provided with permanent p	olatform	: Yes		
6 Generation Capacity		: 1500 kVA		
B : Physical Characteristic of Stack:				
 Height of Stack from ground level 		: 30.0 m		
2 Diameter of Stack at bottom		1		
3 Diameter of Stack at sampling point		: 0.25 m		
4 Height of the sampling point from ground le	vel	: 7.62 m		
5 Area of Stack		: 0.0491m ²		
C : Analysis/Characteristic of Stack :				
1 Fuel used : HSD		2. Fuel consumption	on : 270 lit/hr	
D : Results of Sampling & Analysis of gaseous En	nission :	Result	Method	LIMI
1 Temperature of emission (°C)		: 242	EPA Part 2	
2 Barometric pressure (mm of Hg)	1000	: 752	EPA Part 2	1000
3 Velocity of gas (m/sec)		: 15.87	EPA Part 2	
4 Quantity of gas flow (Nm ⁸ /hr)	95. · · · ·	: 1613	EPA Part 2	****
5 Concentration of Carbon monoxide(mg/Nm	7	: 79.4 at 15% O ₂	IS:13270-1992, Reaf : 2019	150
6 Concentration of Carbon dioxide(%v/v)	2023	; 4.4	IS:13270-1992, Reaf : 2019	
7 Concentration of Sulphur dioxide (mg/Nm ³)		: 12.6	EPA Part-6	
8 Concentration of Oxides of Nitrogen (ppm)		: 15.2 at 15% O ₂	EPA Part-7	710
9 Concentration of Particulate Matters (mg/N)	m³)	: 47 at 15% O2	EPA Part 5	75
E : Pollution : Details of pollution control devices attached	with the stac	:k :Nil		
F:Remarks : Nil		ANG 1.697.3.1		

R.Shome

Reviewed & Authorized By

Anupam Mandal, Chemist (Authorized Signatory)

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TEST REPORT Name & Address Of the Customer : : QLS/MR/A/24-25/C/515 Report No. Date : 28.10.2024 M/s. Neo Metaliks Ltd. Sample No. : QLS/MR/A/24-25/515 Vill + P.O. : Gopalpur Sample Description : Stack Flue Gas P.S.: Kanksa, Durgapur Date of Performance(s) :05.10.2024-22.10.2024 Paschim Bardhaman West Bengal - 713 212 Ref No. Date : 3322000741.Dated:01.03.2024 **Analysis Result** Date & Time of Sampling : 03.10.2024 at 11:30 Hrs. Sampling Procedures : EPA/IS : S.Ghosh Sampling done by A : General Information of Stack: 1 Stack connected to : Vertical Roller Mill through Bag Filter 3 Emission due to : De-Moisturing of pulverized Coal using BF Gas 3 Material of construction of Stack : MS 4 Shape of Stack : Circular Whether stack is provided with permanent platform : Yes 5 6 Generation Capacity • ••• B : Physical Characteristic of Stack: 1 Height of Stack from ground level :42.6 m 2 Diameter of Stack at bottom 3 Diameter of Stack at sampling point : 0.820 m 4 Height of the sampling point from ground level : 25.6 m 5 Area of Stack : 0.5283 m² C : Analysis/Characteristic of Stack : Fuel used : BF Gas 2. Fuel consumption : 750 Nm³/hr 1 D : Results of Sampling & Analysis of gaseous Emission : Result Method EPA Part 2 Temperature of emission (°C) : 87 1 2 Barometric pressure (mm of Hg) : 752 EPA Part 2 3 Velocity of gas (m/sec) : 18.35 EPA Part 2 4 Quantity of gas flow (Nm3/hr) : 28559 EPA Part 2 5 Concentration of Carbon monoxide (%) :<0.2 IS:13270-1992, Reaf : 2019 6 Concentration of Carbon dioxide (%) : <0.2 IS:13270 1992, Reaf : 2019 7 Concentration of Sulphur dioxide (mg/Nm³) :<3.4 EPA Part-6 Concentration of Oxides of Nitrogen (mg/Nm3) 8 : 13.8 EPA Part-7 Q. Concentration of Particulate Matters (mg/Nm³) : 29 EPA Part 5 E: Pollution : Details of pollution control devices attached with the stack : Bag Filter F: Remarks: Nil

Report Prepared by :

R. Shama

for Qualissure Laboratory Services **Reviewed & Authorized By**

Anupam Mandal, Chemist (Authorized Signatory)

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TEST REPORT

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

	ILSI KEFORT			
Name & Address Of the Customer :	Report No.	; QLS	/MR/A/24-25/C/516	
Adda Atom Baras (Harland	Date	: 28.1	10.2024	
M/s. Neo Metaliks Ltd.	Sample No.	:QLS	/MR/A/24-25/516	
Vill + P.O. : Gopalpur	Sample Description		k Flue Gas	
P.S. : Kanksa, Durgapur	Date of Performance(s		10.2024-28.10.2024	
Paschim Bardhaman	Ref No. Date	N 1000000000	2000741,Dated:01.03.2024	
West Bengal – 713 212			2000741,Date0:01.05.2024	
Date & Time of Sampling : 01.10.2024 at 1	Analysis Resul	To second line.		
Sampling done by : 5.Ghosh		Sampling	Procedures : EPA/IS	
A : General Information of Stack:				
1 Stack connected to	; (PP		
2 Emission due to	: (ombustio	in FO & BF Gas	
3 Material of construction of Stack	: 1	ИS		
4 Shape of Stack		Circular		
5 Whether stack is provided with perm		'cs		
6 Generation Capacity	54	I.5 MW		
B : Physical Characteristic of Stack:				
1 Height of Stack from ground level		: 50.0 m		
2 Diameter of Stack at bottom	20a			
3 Diameter of Stack at sampling point	2000000	.4 m		
4 Height of the sampling point from gro		1.0 m		
5 Area of Stack		54m²		
C : Analysis/Characteristic of Stack : 1. Fuel used : BF Gas & Furnace Oil		first care	meeting - PE Case 24(W) Nor8/h-	
the second se			umption : BF Gas- 24000 Nm ³ /hr	
D : Results of Sampling & Analysis of gase 1 Temperature of emission (°C)		sult	Method ERA Port 7	
1 Temperature of emission (°C) 2 Barometric pressure (mm of Hg)		.30 '51	EPA Part 2 EPA Part 2	
3 Velocity of gas (m/sec)	1000000. "WINDOD00000	.2.41	EPA Part 2	
4 Quantity of gas flow (Nm ³ /hr)		0250	EPA Part 2	
5 Concentration of Carbon monoxide (S		:0.2	IS:13270-1992, Reaf : 2019	
6 Concentration of Carbon dioxide (%)		.0	IS:13270-1992, Reaf : 2019	
7 Concentration of Sulphur dioxide (mg		31.2	EPA Part-6	
8 Concentration of Oxides of Nitrogen	100000000000000000000000000000000000000	60.7	EPA Part-7	
9 Concentration of Particulate Matters		12	EPA Part 5	
E : Pollution :	(morial)		STATULE -	
Tester brock with a				
Details of pollution control devices at	tached with the stack 1	NIL.		
F :Remarks : Nil				
Report Prepared by :	esperat	f	or Qualissure Laboratory Services	
R. Some			Reviewed & Authorized By	
N 1.1 CO. March 1996			S CONTRACTOR	

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Anupam Mandal, Chemist (Authorized Signatory)

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

ription	: QLS/MR/A/24-25/C/517 : 28.10.2024 : QLS/MR/A/24-25/517
ription	
ription	QLS/MR/A/24-25/517
a de cost o	
Contract Con	: Stack Flue Gas
ormance(s)	05 10 2024-28 10 2024
C	: 3322000741, Dated:01.03.2024
ult	. 35220007 41,08100.01.03.2024
III	
Sampling Pro	ocedures : EPA/IS
: Sinter Plant (1	(all ESP)
: Process Activi	and the second
: MS	
: Circular	
Yes	
:	
Contract/20000000	
: 40.0 m	
: 2.0 m	
35.0 m	
: 3.1429 m ²	
2. Fuel consum	iption :
Result	Method
: 75	EPA Part 2
: 752	EPA Part 2
	EPA Part 2
0122-2003210.00.0	EPA Part 2
: <0.2	IS:13270-1992, Reaf : 2019
: 2.8	IS:13270-1992, Reaf : 2019
: 25.2	EPA Part-6
: 27.0	EPA Part-7
: 25 EPA Part 5	
FSP	
for	Qualissure Laboratory Services Reviewed & Authorized By
	2. Fuel consum Result 75 752 11.32 108534 <0.2 2.8 25.2 27.0 25 FSP

Anupam Mandal, Chemist (Authorized Signatory)

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Annexure-6(a)



361, Prantick Pally, 45/361, Bose Pukur Road, Kolkata - 700107 Email : qualissure@gmail.com Mob. No. : 9831287086 9830093976

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

		TEST R	EPORT		
Name & Address Of the Customer : Report No).	: QLS/MR/A/24-25/C/719		
M/s. Neo Metaliks Ltd. Date			: 09.09.2024		
		Sample No	0.	: QLS/MR/A/24-25/719	
		Sample De	Description Performance	: Stack Flue Gas : 19.08-02.09.2024	
		Date of Pe			
West Bengal -713 2!2 Ref N		Ref No & I	Date	: 3322000741, Dated: 01.03.2024	
		Analysis	Result		
Date & Time of Sampling : 18.08.2024 at 10:00 Hrs. Sampling done by : S.Mondal		Sampling Procedures : EPA/IS			
A : (General Information of Stack:				
1	1 Stack connected to		: Sinter Plant (Head ESP)		
2 Emission due to		: Combustion BF Gas			
3 Material of construction of Stack		: MS			
4	4 Shape of Stack		: Circular		
5 Whether Stack is provided with permanent platform		: Yes			
б	6 Generation Capacity		1		
B :	Physical Characteristic of Stack:				
1 Height of Stack from ground level		: 50.0 m			
2 Diameter of Stack at bottom		:			
3 Diameter of Stack at sampling point		: 2.2 m			
4 Height of the sampling point from ground level		: 37.25 m			
5	5 Area of Stack		: 3.8029 m ²		
C : Analysis/Characteristic of Duct: 1 Fuel used : BF Gas		2. Fuel consumption : 3500 Nm ³ /hr			

TEST REPORT DIOXIN

<u>SI No</u> .	Parameters	RESULT in ng.TEQ/Nm ³	METHOD
1	1 2 3 7 8-Pentachlorodibenzo-p-dioxin	:<0.0024	1
2	2 3 7 8-Tetrachlorodibenzo-p-dioxin	: <0.005	
3	Octachlorodibenzo-p-dioxin	:<0.000015	
4	Octachlorodibenzo-p-dioxin	:<0.024	USEPA 23A/QA.16.4.73
5	123678-Hexachlorodibenzo-p-dioxin	:<0.0024	
6	1234678-Heptachlorodibenzo-p-dioxin	:<0.00024	
7	1 2 3 4 7 8-Hexachlorodibenzo-p-dioxin	: <0.0024	



Page 1 of 2

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TEST REPORT FURAN						
<u>SI No</u> .	Parameters	RESULT in ng.TEQ/Nm ³	METHOD			
1	2 3 4 7 8-Pentachlorodibenzofuran	:<0.0072				
2	1 2 3 6 7 8-Hexachlorodibenzofuran	: <0.0024				
3	2 3 7 8-Tetrachlorodibenzofuran	: <0.0005				
4	1234789-Heptachlorodibenzofuran	:<0.00024				
5	1 2 3 7 8 9-Hexachlorodibenzofuran	: <0.0024				
6	Octachlorodibenzofuran	:<0.000015	USEPA 23A/QA.16.4.73			
7	1 2 3 4 6 7 8-Heptachlorodibenzofuran	:<0.00024				
8	2 3 4 6 7 8-Hexachlorodibenzofuran	:<0.0024				
9	123478-Hexachlorodibenzofuran	: <0.0024				
10	2 3 7 8-Pentachlorodibenzofuran	: <0.00072				

TEST REPORT DIOXINS & FURANS

<u>SI No</u> .	Parameters	RESULT in ng.TEQ/Nm ³	METHOD
1	Total Dioxins & Furans	:<0.01	USEPA 23A/QA.16.4.73

Remarks : TEQ = Toxic Equivalent Quotient, ng = Nano Gram

Report Prepared By:

for Qualissure Laboratory Services Reviewed & Authorized By

(Authorized Signatory)

Goraj, Chemist

Benimadh

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

Page 2 of 2

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

		TEST REPO	DRT		
Nan	ne & Address Of the Customer :	Report No.		: QLS/MR/A/24-25/C/720	
M/s	. Neo Metaliks Ltd.	Date		: 09.09.2024	
Villa	P.O. : Gopalpur	Sample No.		: QLS/MR/A/24-25/720	
P.S.	: Kanksa, Durgapur	Sample Descr	iption	: Stack Flue Gas	
		Date of Perfor	mance	: 19.08-02.09.2024	
Wes	st Bengal -713 2!2	Ref No & Date		: 3322000741, Dated: 01.03.2024	
_	1	Analysis Re	esult		
	e & Time of Sampling : 19.08.2024 at 09:30 Hrs. pling done by : S.Mondal	4	Sampling	Procedures : EPA/IS	
A : (Seneral Information of Stack:				
1	Stack connected to		: Sinter Plant (Tail ESP)		
2	Emission due to		: Process Activity		
3	Material of construction of Stack		: MS		
4	Shape of Stack	:	: Circular		
5	Whether Stack is provided with permanent pla	atform :	: Yes		
6	Generation Capacity		:		
B :	Physical Characteristic of Stack:				
1	Height of Stack from ground level	3	: 40.0 m		
2	Diameter of Stack at bottom		4		
3 Diameter of Stack at sampling point		1. 1	: 2.0 m		
4 Height of the sampling point from ground level		el :	35.0 m		
5	Area of Stack		3.1429	m ²	
C:4	Analysis/Characteristic of Duct: Fuel used :		2. Fuel co	insumption :	

TEST REPORT DIOXIN

<u>SI No</u> .	Parameters	RESULT in ng.TEQ/Nm ³	METHOD
1	1 2 3 7 8-Pentachlorodibenzo-p-dioxin	:<0.024	
2	1 2 3 6 7 8-Hexachlorodibenzo-p-dioxin	; <0.0024	
3	2 3 7 8-Tetrachlorodibenzo-p-dioxin	: <0.005	
4	Octachlorodibenzo-p-dioxin	:<0.000015	USEPA 23A/QA.16.4.73
5	1234678-Heptachlorodibenzo-p-dioxin	:<0.00024	
6	123478-Hexachlorodibenzo-p-dioxin	:<0.0024	
7	1 2 3 7 8 9-Hexachlorodibenzo-p-dioxin	: <0.0024	



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	TEST REPORT FURAN					
<u>SI No</u> .	Parameters	RESULT in ng.TEQ/Nm ³	METHOD			
1	1 2 3 4 6 7 8-Heptachlorodibenzofuran	: <0.00024				
2	1 2 3 7 8 9-Hexachlorodibenzofuran	:<0.0024				
3	3 2 3 7 8-Tetrachlorodibenzofuran	:<0.0005				
4	1 2 3 4 7 8 9-Heptachlorodibenzofuran	: <0.00024				
5	1 2 3 7 8-Pentachlorodibenzofuran	: <0.00072	UEEDA 224 /04 16 4 72			
6 Octachlorodibenzofuran		: <0.000015	USEPA 23A/QA.16.4.73			
7	1 2 3 4 7 8-Hexachlorodibenzofuran	: <0.0024				
8	2 3 4 6 7 8-Hexachiorodibenzofuran	:<0.0024				
9	2 3 4 7 8-Pentachlorodibenzofuran	: <0.0072				
10	1 2 3 6 7 8-Hexachlorodibenzofuran	: <0.0024				

TEST REPORT DIOXINS & FURANS

<u>Si No</u> .	Parameters	RESULT in ng.TEQ/Nm ³	METHOD
1	Total Dioxins & Furans	:<0.01	USEPA 23A/QA.16.4.73

Remarks : TEQ = Toxic Equivalent Quotient, ng = Nano Gram

Report Prepared By:

for Qualissure Laboratory Services Reviewed & Authorized By

> Benimarized Gorai, Chemist (Authorized Signatory)

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Annexure-7

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a 1	TES	T RI	EPORT	DOC NO : QLS/SAMP/08-A/00
Nar	ne & Address Of the Customer :		rt No.	: QL5/A/23-24/C/181
M/s	. Neo Metaliks Ltd.	Date		:03.06.2023
	+ P.O. : Gopalpur	Samp	ole No.	: QLS/A/23-24/181
	: Kanksa, Durgapur	Samp	le Description	: Work Zone Monitoring
	chim Bardhaman		of Performance	100
We:	st Bengal – 713 212	Ref N	lo. Date	: W122505-006, Dated: 05.05.202
	Ana	lysis	Result	
Loca	ation : Near Ground Hopper		Date of samp	bling : 22.05.2023
Sam	pling Done by: P.Mandal/P.Mahato	10	Sampling done as per : CPCB Guidelines (Volume-1)	
Envi	ronmental Condition : Cloudy & Drizzling			
SI. No.	Pollutants		Result	Method of Test Reference
1	Total Suspended Particulate Matter in $\mu\text{g}/\text{m}^3$		255	IS 5182 : Part.4-1999,(RA-2014)
2	Respirable Suspended Particulate Matter in µg/	/m³	108	IS 5182: Part 23 : 2012
3	Sulphur dioxide (SO ₂) in μ g/m ³		7.3	IS: 5182 (Part-2)-2001,(RA-2012)
^{.4} .	Nitrogen dioxide (NO2) in µg/m³	-	28.9	IS: 5182 (Part- 6)-2012
5	Carbon Monoxide (CO) in µg/m ³		595	IS: 5182 (Part- 10)- (RA-2017)
6	Lead (Pb) in µg/m ³		0.09	EPA IO-3.2 & 5.0

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

Report Prepared by :

R. Shorme

for Qualissure Laboratory Services Reviewed & Authorized By

(Benimadhab Gorai, Chemist) (Authorized Signatory)

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

Nam	ne & Address Of the Customer : R	eport No.	: QLS/A/23-24/C/183
na/r	Neo Metaliks Ltd.	ate	: 03.06.2023
		ample No.	: QLS/A/23-24/183
		ample Description	: Work Zone Monitoring
Pasc	him Bardhaman D	ate of Performance(s) : 26.05.2023-02.06.2023
Wes	t Bengal – 713 212 R	ef No. Date	: W122505-006,Dated:05.05.2022
	Analy	sis Result	
Loca	ition : Near Head ESP	Date of samp	ling : 23.05.2023
Sam	pling Done by: P.Mandal/P.Mahato	Sampling don	ie as per : CPCB Guidelines (Volume-1)
Envi	ronmental Condition : Heavy Rainfall		
SI. No.	· Pollutants	Result	Method of Test Reference
1	Total Suspended Particulate Matter in $\mu g/m^3$	363	IS 5182 : Part.4-1999,(RA-2014)
2	Respirable Suspended Particulate Matter in µg/n	n ³ 245	IS 5182: Part 23 : 2012
3	Sulphur dioxide (SO ₂) in μg/m ³	7.0	IS: 5182 (Part-2)-2001,(RA-2012)
4	Nitrogen dioxide (NO ₂) in µg/m ³	28.1	IS: 5182 (Part- 6)-2012
5	Carbon Monoxide (CO) in µg/m ³	1052	IS: 5182 (Part- 10)- (RA-2017)
.6	Lead (Pb) in µg/m ^a	0.19	EPA 10-3.2 & 5.0

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

Report Prepared by :

R. Suma

for Qualissure Laboratory Services Reviewed & Authorized By

12

(Benimadhab Gorai, Chemist) (Authorized Signatory)

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

16	TEST REPORT	
Name & Address Of the Customer :	Report No.	: QLS/A/23-24/C/184
M/s. Neo Metaliks Ltd.	Date	: 03.06.2023
Vill + P.O. : Gopalpur	Sample No.	: QL5/A/23-24/184
P.S. : Kanksa, Durgapur	Sample Description	: Work Zone Monitoring
Paschim Bardhaman	Date of Performance(s)	: 26.05.2023-02.06.2023
West Bengal – 713 212	Ref No. Date	: W122505-006, Dated: 05.05.2022
	Analysis Result	
Location : Near Metal Bay	Date of sampling	: 23.05.2023
Sampling Done by: P.Mandal/P.Mahato	Sampling done a	s per : CPCB Guidelines (Volume-1)
Environmental Condition : Heavy Rainfall		

SI. No.	- Pollutants	Result	Method of Test Reference
1	Total Suspended Particulate Matter in µg/m ³	162	IS 5182 : Part.4-1999,(RA-2014)
2	Respirable Suspended Particulate Matter in $\mu g/m^3$	99	IS 5182: Part 23 : 2012
3	Sulphur dioxide (SO ₂) in µg/m ³	7.6	IS: 5182 (Part-2)-2001,(RA-2012)
4 .	Nitrogen dioxide (NO ₂) in µg/m ³	30.1	IS: 5182 (Part- 6)-2012
5	Carbon Monoxide (CO) in µg/m ³	778	IS: 5182 (Part- 10)- (RA-2017)
6	Lead (Pb) in µg/m ³	0.05	EPA IO-3.2 & 5.0

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

Report Prepared by :

R. Shoome

for Qualissure Laboratory Services Reviewed & Authorized By

(Benimadhab Gorai, Chemist) (Authorized Signatory)

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

	TEST	REPORT	and the second
Nar	no 9 Address Of the C	leport No.	: QLS/A/23-24/C/185
M/9	s: Neo Metaliks Ltd.	Date	:03.06.2023
Vill	+ P.O. : Gopalpur S	ample No.	: QLS/A/23-24/185
P.S.	: Kanksa, Durgapur S	ample Description	
Pas	chim Bardhaman n	ate of Performance	
We	st Bengal – 713 212 R	ef No. Date	: W122505-006,Dated:05.05.2022
	Analy	sis Result	
Loca	ation : Near Emergency Pith	Date of sam	pling : 24.05.2023
Sam	pling Done by: P.Mandal/P.Mahato	Sampling do	ne as per : CPCB Guidelines (Volume-1)
Envi	ronmental Condition : Heavy Rainfall		
SI. No.	Pollutants	Result	Method of Test Reference
1.	Total Suspended Particulate Matter in µg/m ³	107	IS 5182 : Part.4-1999,(RA-2014)
2	Respirable Suspended Particulate Matter in µg/m	³ 63	IS 5182: Part 23 : 2012
3	Sulphur dioxide (SO ₂) in µg/m ³	6.4	IS: 5182 (Part-2)-2001,(RA-2012)
4	Nitrogen dioxide (NO ₂) in µg/m ³	29.4	IS: 5182 (Part 6) 2012
5	Carbon Monoxide (CO) in $\mu g/m^3$	847	IS: 5182 (Part- 10)- (RA-2017)
_		and the second second second second	

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

Report Prepared by :

for Qualissure Laboratory Services Reviewed & Authorized By

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(Benimadhab Gorai, Chemist) (Authorized Signatory)

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DOC NO : QL5/SAMP/08-A/00

	TEST	REPORT	
M/s. Neo Metaliks Ltd.DateVill + P.O. : GopalpurSampP.S. : Kanksa, DurgapurSampPaschim BardhamanDate		Report No. Date Sample No. Sample Description Date of Performance Ref No. Date	: QLS/MR/A/24-25/C/377 : 03.08.2024 : QLS/MR/A/24-25/377 : Work Zone Monitoring e(s) : 26.07.2024-03.08.2024 : 3322000741, Dated : 01.03.2024
	Analy	sis Result	
Loca	tion : Head ESP	Date of samp	oling : 21.07.2024
5am	pling Done by: S.Ghosh/P.Mondal	Sampling dor	ne as per : CPCB Guidelines (Volume-1)
Envi	ronmental Condition : Cloudy & Rainfall		
5I. No.	Pollutants	Result	Method of Test Reference
1	Total Suspended Particulate Matter in µg/m ³	145	IS 5182 : Part.4-1999,(RA-2014)
2	Respirable Suspended Particulate Matter in µg/n	m ³ 113	IS 5182: Part 23 : 2012
3	Sulphur dioxide (SO ₂) in µg/m ³	6.0	IS: 5182 (Part 2) 2001,(RA 2012)
4	4 Nitrogen dioxide (NO ₂) in μg/m ³		IS: 5182 (Part- 6)-2012
5	Carbon Monoxide (CO) in µg/m ³	446	IS: 5182 (Part- 10)- (RA-2017)
6	Lead (Pb) in µg/m ³	0.05	EPA IO-3.2 & 5.0

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

Report Prepared by :

for Qualissure Laboratory Services **Reviewed & Authorized By**

Benimadhab Gorai, Chemist (Authorized Signatory)

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TEST REPORT





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

		REPORT	
M/s. Neo Metaliks Ltd.DateVill + P.O. : GopalpurSamplP.S. : Kanksa, DurgapurSamplPaschim BardhamanDate of		eport No. Date ample No. ample Description Date of Performance	: QLS/MR/A/24-25/C/378 : 03.08.2024 : QLS/MR/A/24-25/378 : Work Zone Monitoring : 26.07.2024-03.08.2024
West		ef No. Date /Sis Result	: 3322000741, Dated : 01.03.2024
Loca	tion : Tail ESP		ling : 21.07.2024
Sam	oling Done by: S.Ghosh/P.Mondal	Sampling dor	e as per : CPCB Guidelines (Volume-1)
Envi	onmental Condition : Cloudy & Rainfall		
SI. No.	Pollutants	Result	Method of Test Reference
1	Total Suspended Particulate Matter in µg/m ³	119	IS 5182 : Part.4-1999,(RA-2014)
2	Respirable Suspended Particulate Matter in µg/n	n ³ 78	IS 5182: Part 23 : 2012
3	Sulphur dioxide (SO ₂) in µg/m ³	5.8	IS: 5182 (Part-2)-2001,(RA-2012)
4	Nitrogen dioxide (NO ₂) in µg/m ³	23.7	IS: 5187 (Part- 6)-2012
5	Carbon Monoxide (CO) in µg/m ³	469	IS: 5182 (Part- 10)- (RA-2017)
6	Lead (Pb) in µg/m ³	<0.02	EPA IO-3.2 & 5.0

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

Report Prepared by :

for Qualissure Laboratory Services Reviewed & Authorized By

Benimadhab Gorai, Chemist (Authorized Signatory)

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

		REPORT	
M/s. Neo Metaliks Ltd.DateVill + P.O. : GopalpurSampP.S. : Kanksa, DurgapurSampPaschim BardhamanDate		Report No. Date Sample No. Sample Description Date of Performance Ref No. Date	: QLS/MR/A/24-25/C/379 : 03.08.2024 : QLS/MR/A/24-25/379 : Work Zone Monitoring :(s) : 26.07.2024-03.08.2024 : 3322000741, Dated : 01.03.2024
	Analy	sis Result	
Loca	tion : Hot Metal Bay	Date of samp	ling : 21.07.2024
5am	pling Done by: S.Ghosh/P.Mondal	Sampling dor	e as per : CPCB Guidelines (Volume-1)
Envi	ronmental Condition : Cloudy & Rainfall		
SI. No.	Pollutants	Result	Method of Test Reference
1	Total Suspended Particulate Matter in µg/m ³	127	IS 5182 : Part.4-1999,(RA-2014)
2	Respirable Suspended Particulate Matter in µg/r	n ³ 91	IS 5182: Part 23 : 2012
3	Sulphur dioxide (SQ₂) in µg/m ³	6.2	IS: 5182 (Part-2)-2001,(RA-2012)
4	Nitrogen dioxide (NO2) in µg/m ³	25.9	IS: 5182 (Part- 6)-2012
5	Carbon Monoxide (CO) in µg/m³	755	IS: 5182 (Part- 10)- (RA-2017)
6	Lead (Pb) in µg/m ³	0.04	EPA IO-3.2 & 5.0

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

Report Prepared by :

for Qualissure Laboratory Services Reviewed & Authorized By

Benlmadhab Goral, Chemist (Authorized Signatory)

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

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TECT DEDODT



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

	TES	T REPORT	
Name & Address Of the Customer : M/s. Neo Metaliks Ltd. Vill + P.O. : Gopalpur P.S. : Kanksa, Durgapur Paschim Bardhaman West Bengal – 713 212		Report No. Date Sample No. Sample Description Date of Performane Ref No. Date	A statistical design of the statistic statistic statistic statistics and the statistic statistic statistics of the statistic statistics and the sta
	Anal	ysis Result	
Loca	tion : Emergency Pit	Date of sam	pling : 21.07.2024
Sam	pling Done by: S.Ghosh/P.Mondal	Sampling do	one as per : CPCB Guidelines (Volume-1)
Envi	ronmental Condition : Cloudy & Rainfall	a state	
SI. No.	Pollutants	Result	Method of Test Reference
1	Total Suspended Particulate Matter in µg/m ³	109	IS 5182 : Part.4-1999,(RA-2014)
2	Respirable Suspended Particulate Matter in µg/	m ³ 74	IS 5182: Part 23 : 2012
3	Sulphur dioxide (SO ₂) in µg/m ³	5.4	IS: 5182 (Part-2)-2001,(RA-2012)
4	Nitrogen dioxide (NO2) in µg/m³	26.1	IS: 5182 (Part- 6)-2012
5	Carbon Monoxide (CO) in µg/m ³	812	IS: 5182 (Part- 10)- (RA-2017)
	3.9-00	000000000000000000000000000000000000000	

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

Report Prepared by :

for Qualissure Laboratory Services Reviewed & Authorized By

Benimadhab Gorai, Chemist (Authorized Signatory)

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

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TECT DEDODT



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

	IES	I REP	ORI	
Name & Address Of the Customer : M/s. Neo Metaliks Ltd. Vill + P.O. : Gopalpur P.S. : Kanksa, Durgapur Paschim Bardhaman West Bengal – 713 212		Report No. Date Sample No. Sample Description Date of Performance(s) Ref No. Date		: QLS/MR/A/24-25/C/507 : 28.10.2024 : QL5/MR/A/24-25/507 : Work Zone Monitoring (s) : 05.10.2024-22.10.2024 : 3322000741, Dated : 01.03.2024
	Anal	ysis F	Result	
Loca	tion : Hot Metal Bay	-	Date of samp	ling : 03.10.2024
Sam	pling Done by: S.Ghosh/P.Mondal		Sampling don	e as per : CPCB Guidelines (Volume-1)
Envi	ronmental Condition : Partly Cloudy			
SI. No.	Pollutants		Result	Method of Test Reference
1	Total Suspended Particulate Matter in µg/m ³		154	IS 5182 : Part.4-1999,(RA-2014)
2	Respirable Suspended Particulate Matter in µg/m ³		98	IS 5182: Part 23 : 2012
3	Sulphur dioxide (SO ₂) in $\mu g/m^3$		7.2	IS: 5182 (Part-2)-2001,(RA-2012)
4	Nitrogen dioxide (NO₂) in μg/m³		27.5	IS: 5182 (Part- 6)-2012
5	Carbon Monoxide (CO) in µg/m³		778	15: 5182 (Part- 10)- (RA-2017)
6	Lead (Pb) in µg/m ³		0.08	EPA IO-3.2 & 5.0

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

Report Prepared by : R. Sheame

for Qualissure Laboratory Services **Reviewed & Authorized By**

Anupam Mandal, Chemist (Authorized Signatory)

----- End of the Report

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

	IES	REPORT			
Name & Address Of the Customer : M/s. Neo Metaliks Ltd. Vill + P.O. : Gopalpur P.S. : Kanksa, Durgapur Paschim Bardhaman		Report No. Date Sample No. Sample Descriptio Date of Performa:			
10000		Ref No. Date	: 3322000741, Dated : 01.03.2024		
	Analy	sis Result			
Loca	tion : Ground Hopper	Date of sa	mpling : 03.10.2024		
Sam	pling Done by: S.Ghosh/P.Mondal	Sampling o	Ione as per : CPCB Guidelines (Volume-1)		
Envi	ronmental Condition : Partly Cloudy				
SI. No.	Pollutants	Result	Method of Test Reference		
1	Total Suspended Particulate Matter in $\mu g/m^a$	263	IS 5182 : Part.4-1999,(RA-2014)		
2	Respirable Suspended Particulate Matter in µg/i	m ³ 121	IS 5182: Part 23 : 2012		
3	Sulphur dioxide (SO ₂) in µg/m ³	8.2	IS: 5182 (Part-2)-2001,(RA-2012)		
4	Nitrogen dioxide (NO2) in µg/m ³	28.9	IS: 5182 (Part- 6)-2012		
5	Carbon Monoxide (CO) in µg/m ³	1041	IS: 5182 (Part- 10)- (RA-2017)		
6	Lead (Pb) in µg/m ³	0.13	0.13 EPA IO-3.2 & 5.0		

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

Report Prepared by :

RA

for Qualissure Laboratory Services **Reviewed & Authorized By**

Anupam Mandal, Chemist (Authorized Signatory)

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DOC NO : QL5/5AMP/08-A/00

	: OLS/MR/A/24-25/C/509 : 28.10.2024 : QLS/MR/A/24-25/509 : Work Zone Monitoring :(s) : 05.10.2024-22.10.2024 : 3322000741, Dated : 01 03 2024 Jing : 03.10.2024
Date of samp	ling : 03.10.2024
	ling : 03.10.2024
1000000000000	
Sampling don	e as per : CPCB Guidelines (Volume-1)
Result	Method of Test Reference
174	IS 5182 : Part.4-1999,(RA-2014)
89	IS 5182: Part 23 : 2012
7.9	IS: 5182 (Part-2)-2001, (RA-2012)
26.5	IS: 5182 (Part- 6)-2012
812	IS: 5182 (Part- 10)- (RA-2017)
0.08	EPA IO-3.2 & 5.0
	Result 174 89 7.9 26.5 812

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

Report Prepared by :

R. 8



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DOC NO : QL5/SAMP/08 A/00

	TEST	REPORT	
M/s. Neo Metaliks Ltd.DateVill + P.O. : GopalpurSampP.S. : Kanksa, DurgapurSampPaschim BardhamanDate		eport No. Jate ample No. ample Description Jate of Performanci ef No. Date	0
	Analy	sis Result	
Loca	tion : Near Head ESP	Date of samp	aling : 03.10.2024
Sam	pling Done by: S.Ghosh/P.Mondal	Sampling do	ne as per : CPCB Guidelines (Volume-1)
Envi	ronmental Condition : Partly Cloudy		
SI. No.	Pollutants	Result	Method of Test Reference
1	Total Suspended Particulate Matter in µg/m ³	349	IS 5182 : Part.4-1999,(RA-2014)
2	Respirable Suspended Particulate Matter in µg/n	n ³ 172	IS 5182: Part 23 : 2012
3	Sulphur dioxide (SO ₂) in µg/m ³	9.5	IS: 5182 (Part-2)-2001,(RA-2012)
4	Nitrogen dioxide (NO ₂) in µg/m ³	30.9	IS: 5182 (Part- 6)-2012
5	Carbon Monoxide (CO) in µg/m³	1075	IS: 5182 (Part- 10)- (RA-2017)
6	Lead (Pb) in µg/m ³	0.17	EPA IO-3.2 & 5.0

NOTE: Fugitive emission Standard - 4000 µg/m⁸ as per Environment (Protection) rules, 1986.

Report Prepared by :

R. Stoome

for Qualissure Laboratory Services **Reviewed & Authorized By**

Anupam Mandal, Chemist (Authorized Signatory)

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DOC NO : QLS/SAMP/08 D/00

TEST REPORT

Name & Address Of the Customer :	Report No.	: QLS/MR/W/23-24/C/133	1
	Date	: 05.06.2023	
M/s. Neo Metaliks Ltd.	Sample No.	: QLS/MR/W/23-24/133	
Vill + P.O. : Gopalpur	Sample Description	: Waste Water	
P.S.: Kanksa, Durgapur	Sample Location	: Boiler Blowdown Plant	
Paschim Bardhaman	Sample Drawn On	: 30.05.2023	
West Bengal - 713 212	Date of Performance(s)	: 31.05.2023-05.06.2023	
	Sampling Method	: IS 3025(Part 1): 1987 (RA 2019)	
14	Ref No. Date	: W122505-006, Dated: 05.05.2022	

Analysis Result

SI. No.	Parameter	Parameter TEST METHOD	Result	Limit as per CPCB for discharge of effluents		
	6		nesure	Inland Surface Water	Public Sewers	
1.	pH at 25 ⁰ C	APHA 23 rd Edition-2017, 4500H+	8.34	5.5 to 9.0	5.5 to 9.0	
2.	Total Suspended Solid in mg/l	APHA 23 rd Edition-2017, 2540D	12	100	600	
.3.	Oil & Grease in mg/l	APHA 23 rd Edition-2017, 5520A	<1.4	10	20	

Report Prepared By :

for Qualissure Laboratory Services Reviewed & Authorized By

Laborefie Bishnupriya Banerjee, Chemist (Authorized Signatory)

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

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

TEST REPORT

Name & Address Of the Customer :	Report No.	: QLS/MR/W/24-25/C/417
	Date	: 05.08.2024
M/s. Neo Metaliks Ltd.	Sample No.	: QLS/MR/W/24-25/417
VIII + P.O. : Gopalpur	Sample Description	: Waste Water (Industrial Effluent)
P.S.: Kanksa, Durgapur	Sample Location	: Boller Blowdown Plant
Paschim Bardhaman	Sample Drawn On	: 29.07.2024
West Bengal – 713 212	Date of Performance(s)	30.07.2024-05.08.2024
west beilgai = 715 212	Sampling Method	: APHA 24th Edition, 2023; 1060 B
	Ref No. Date	: 3322000741, Dated : 01.03.2024

Analysis Result

SI.	Parameter	TEST METHOD	Result	Limit as per CPCB for discharge of effluents	
No.			Result	Inland Surface Water	Public Sewers
1.	pH at 25° C	APHA 24 th Edition-2023, 4500H+	7.79	5.5 to 9.0	5.5 to 9.0
2.	Total Suspended Solid in mg/l	APHA 24 th Edition-2023, 2540D	8	100	600
3.	Chemical Oxygen Demand (as COD) mg/l	APHA 24 th Edition-2023, 5220B	<4	250	
4.	Biochemical Oxygen Demand (as BOD) mg/l	IS 3025 (Part 44)-1993, RA:2019	<2	30	350
5.	Oil & Grease In mg/l	APHA 24 th Edition-2023, 5520B	<1.4	10	20

End of the Report-

Report Prepared By : (CA

for Qualissure Laboratory Services Reviewed & Authorized By

Bishnupriya Banerjee, Chemist (Authorized Signatory)

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TC-6271

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

TEST REPORT

Name & Address Of the Customer :	Report No.	: QLS/MR/W/24-25/C/626
	Date	: 29.10.2024
M/s. Neo Metaliks Ltd.	Sample No.	: QLS/MR/W/24-25/626
VIII + P.O. : Gopalpur	Sample Description	: Waste Water (Industrial Effluent)
P.S.: Kanksa, Durgapur	Sample Location	: Boiler Blowdown Plant
Paschim Bardhaman	Sample Drawn On	: 05.10.2024
West Bengal – 713 212	Date of Performance(s)	: 07.10.2024-21.10.2024
west bengal - 715 212	Sampling Method	: APHA 24th Edition, 2023; 1060 B
	Ref No. Date	: 3322000741, Dated : 01.03.2024

Analysis Result

SI.	Parameter	TEST METHOD	Result	Limit as per CPCB for discharge of effluents	
No.	Parameter	TEST METHOD	Nesuit	Inland Surface Water	Public Sewers
1.	pH at 25° C	APHA 24 th Edition-2023, 4500H+	7.91	5.5 to 9.0	5.5 to 9.0
2.	Total Suspended Solid in mg/I	APHA 24 th Edition-2023, 2540D	6	100	600
3.	Chemical Oxygen Demand (as COD) mg/l	APHA 24 th Edition-2023, 5220B	<4	250	
4.	Biochemical Окудеп Demand (as BOD) mg/l	IS 3025 (Part 44)-1993, RA:2019	<2	30	350
5.	Oil & Grease in mg/l	APHA 24 th Edition -2023, 5520B	<1.4	10	20

Report Prepared By :

R. Shame

for Qualissure Laboratory Services Reviewed & Authorized By

Bishnupriya Banerjee, Chemist (Authorized Signatory)

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Annexure-9



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

TEST REPORT			
ULR No. Report No.			
Date			
Sample No.	: QLS/MR/W	/24-25/233	
Sample Description	: Ground Wa	ter	
Sample Mark	: Borewell No	0.5	
Date of Drawn On	: 15.06.2024		
Sample Performance	: 17.06.2024 - 22.06.2024		
Sampling Method Ref No. Date			21 & 2022
Analysis Result (A) <u>Chemical Analysis</u>			
Test Parameter Test Method		5:10500,2012	Result
	Acceptable Limit	Permissible Limit	
IS 3025 (Part 11)- 2022	6.5-8.5	No Relaxation	6.56
	ULR No. Report No. Date Sample No. Sample Description Sample Mark Date of Drawn On Sample Performance Sampling Method Ref No. Date Analysis Result (A) Chemical Analysis Test Method	ULR No. : TC6271240 Report No. : QLS/MR/W Date : 22.06.2024 Sample No. : QLS/MR/W Sample Description : Ground Wa Sample Mark : Borewell No Date of Drawn On : 15.06.2024 Sample Performance : 17.06.2024 Sampling Method : IS 17614(P- Ref No. Date : Verbal Conf Analysis Result (A) Chemical Analysis Test Method : As per Dri Standard: I (RA-2018 Acceptable Limit	ULR No. : TC627124000000978F Report No. : QLS/MR/W/24-25/C/233 Date : 22.06.2024 Sample No. : QLS/MR/W/24-25/C33 Sample No. : QLS/MR/W/24-25/233 Sample Description : Ground Water Sample Mark : Borewell No. 5 Date of Drawn On : 15.06.2024 Sample Performance : 17.06.2024 - 22.06.2024 Sampling Method : IS 17614(P-1, P-5 & P-25) 202 Ref No. Date : Verbal Confirmation Analysis Result (A) Chemical Analysis Test Method IS:10500,2012 (RA- 2018) Amd. 1 & 2 Acceptable Limit Limit

			frest meanof runner a or a		nesuit
			Acceptable Permissible Limit Limit		
1.	pH Value at 25°C	IS 3025 (Part 11)- 2022	6.5-8.5	No Relaxation	6.56
2.	Turbidity in NTU	IS 3025 (Part 10)- 2023	1	5	<1.0
3.	Total Dissolved Solids (TDS) in mg/l	IS 3025 (Part 16): 2023	500	2000	236
4.	Calcium (as Ca) in mg/l	IS 3025 (Part 40): 1991(RA 2019)	75	200	41.9
5.	Chloride (as CI) in mg/l	IS 3025 (Part 32): 1988 (RA 2019)	250	1000	45.0
6.	Fluoride (as F) in mg/l	APHA 24th Edition-2023, 4500 F D	1.0	1.5	0.89
7.	Iron (as Fe) in mg/l	IS 3025 (Part 53): 2003(RA 2019)	1.0	No Relaxation	0.11
8.	Magnesium (as Mg) in mg/l	APHA 24th Edition- 2023,3500 Mg B	30	100	5.6
9.	Sulphate (as SO4) in mg/l	IS 3025 (Part 24): Sec 1, 2022	200 .	• 400	14.9
10.	Alkalinity (as CaCO ₃) in mg/l	IS 3025 (Part 23): 2023	200	600	94.1
11,	Total Hardness (as CaCO ₃) in mg/l	15 3025 (Part 21): 2009 (RA - 2019)	200	600 .	128.0
12.	Sodium (as Na) in mg/l	APHA 24th Edition- 2023, 3500Na - B			22.6
13,	Reactive Silica (SiO ₂) in mg/l	APHA 24th Edition-2023, 4500 SiO ₂ C	-		29.4
14.	Colloidal Silica (SiO ₂) in mg/l	APHA 24th Edition-2023, 4500 SiO ₂ C			8.3
15.	Phosphate (as PO ₄) in mg/l	APHA 24th Edition 2023, 4500P-D			0.2
16.	Electrical Conductivity in m5/cm at 25 °C	APHA 24th Edition-2023, 2510B	-		421

Report Prepared By:

for Qualissure Laboratory Services Reviewed & Authorized By

Bishnupriya Banerjee, Chemist (Authorized Signatory)

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Annexure-10



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

Т	EST REPORT	
Name & Address of the Customer:	Report No.	: QLS/A/23-24/C/180
M/s. Neo Metaliks Ltd.	Date	: 03.06.2023
Vill + P.O. : Gopalpur	Sample No.	: QLS/A/23-24/180 (A-E)
P.S. : Kanksa,Durgapur	Date of Performance(s)	: 26.05.2023-02.06.2023
Paschim Bardhaman	Sample Description	: Noise Monitoring
West Bengal – 713 212	Ref No. Date	: W122505 006,Dated:05.05.2022

Analysis Result of Noise

Sampling Done By : P.Mandal/P.Mahato

Sampling Guideline : As per IS: 9876: 1981 (RA-2001)

Sample No.	Date of Monitoring	Location	Leq dB (A) Day Time	Limit in Leq dB(A) Day time	Leq dB (A) Night Time	Limit in Leq dB(A) Night Time
180A	22.05.2023	Near Main Gate	63.9	65	57.0	55
18 0B	11.05.2025	Near PCM Boundary Wall	57.6	65	45.6	55
180C	23.05.2023	Admin. Building	57.9	65	46.2	55
180D		Near CPP Cooling Tower	60.4	65	52.7	55
180E	24.05.2023	Near Boundary Wall (North East Side)	59.3	65	45.8	55

Report Prepared by :

for Qualissure Laboratory Services Reviewed & Authorized By

(Benimadhab Gorai, Chemist) (Authorized Signatory)

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

Name & Address of the Customer:	Report No.	: QLS/MR/A/24-25/C/376
M/s. Neo Metaliks Ltd.	Date	: 03.08.2024
Vill + P.O. : Gopalpur	Sample No.	: QLS/MR/A/24-25/376(A-D)
P.S.: Kanksa, Durgapur	Date of Performance(s)	: 26.07.2024-03.08.2024
Paschim Bardhaman	Sample Description	: Noise Monitoring
West Bengal – 713 212	Ref No. Date	: 3322000741, Dated : 01.03.2024

Analysis Result of Noise

Sampling Done By : S.Ghosh/P.Mandal

Sampling Guideline : As per IS: 9876: 1981 (RA-2001)

Sample No.	Date of Monitoring	Location	Leq dB (A) Day Time	Limit in Leq dB(A) Day time	Leq dB (A) Night Time	Limit in Leq dB(A) Night Time
376A	21-22.07.2024	Near Main Gate	61.9	65	49.1.	55
376B		Admin. Building	56.5	65	45.7	55
376C	22-23.07.2024 -	Near PCM Side Building Wall	60.2	65	49.3	55
376D		Near CPP Cooling Tower	56.0	65	47.9	55

Report Prepared by :

for Qualissure Laboratory Services Reviewed & Authorized By

> Benimadhab Gorai, Chemist (Authorized Signatory)

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

TEST REPORT					
Name & Address of the Customer:	Report No.	: QLS/MR/A/24-25/C/506			
M/s. Neo Metaliks Ltd.	Date	: 28.10.2024			
Vill + P.O. : Gopalpur	Sample No.	: QLS/MR/A/24-25/506(A-D)			
P.S. : Kanksa, Durgapur	Date of Performance(s)	: 01.10.2024-09.10.2024			
Paschim Bardhaman	Sample Description	: Noise Monitoring			
West Bengal - 713 212	Ref No. Date	: 3322000741, Dated : 01.03.2024			
	L D L Cal				

Analysis Result of Noise

Sampling	Done By : S.Ghos	h/P.Mandal				
Sampling Guideline : As per IS: 9876: 1981 (RA-2001)						
Sample No.	Date of Monitoring	Location	Leq dB (A) Day Time	Limit in Leq dB(A) Day time	Leq dB (A) Night Time	Limit in Leq dB(A) Night Time
506A	29 30.09.24	Near Main Gate	60.4	65	48.0	55
506B		Near CPP Cooling Tower	54.6	65	45.5	55
506C		Admin. Building	54.7	65	45.0	55
506D	28-29.09.24	Near PCM Side Building Wall	58.1	65	47.2	55
	and the second second	Protecting of the second			and the second second	

Report Prepared by :

R. Shoome

for Qualissure Laboratory Services Reviewed & Authorized By

> Anupam Mandal, Chemist (Authorized Signatory)

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