

Ref: NML-DGP/ENV/22/011

Date- 31/05/2023

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 (Oct'2022 to Mar'2023) 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 has reference to the above subject matter; we are enclosing herewith six-monthly compliance report (October'22 to March'23) of the above environmental clearance conditions in Annexure-A along with the external agency monitoring reports and submitting the soft copy (pdf format) of the same through mail.

This is for your kind information.

Yours faithfully,

For Neo Metaliks Ltd.

for 

Authorized Signatory

Encl: As above

Cc:

1. The Member Secretary, West Bengal Pollution Control Board, Paribesh Bhawan, Bldg. No. 10A, Block-LA, Sector-III, Bidhannagar, Kolkata-700098
2. The Environment Engineer (In-Charge), West Bengal Pollution Control Board, (Government of West Bengal), City Centre, Durgapur- 713216.

**ANNEXURE- A**

**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:** October'2022 to March'2023

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, MoEF&CC in this regard.	The pond (7157 m2) present within the project site is a rainwater reservoir. Connectivity of surface run-off water drain to this pond shall be done during project expansion activity. The report shall be submitted to the IRO, MoEF&CC.
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.	<ol style="list-style-type: none"> <li>1. 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.</li> <li>2. As on 31.03.2023, a total of 24,323 nos. of saplings have been planted with native species covering 34.1% area. Another 8000 nos. of saplings shall be planted during FY23-24 which would cover a total greenbelt area of more than 36%.</li> <li>3. Some snapshots of 6000 nos. of sapling which planted in FY2022-23 at new North-east side area are enclosed as Annexure-I.</li> <li>4. In addition to this, the plantation of 8000 no. of saplings in approx. 10 ac. area is under progress vide work order no. W122923-002, dated 23.09.2022. The order copy is enclosed as Annexure-I (a).</li> <li>5. Also, 1000 nos. of saplings have been planted in the local village 'Gopalpur'. Some snapshots are enclosed as Annexure-I(b).</li> <li>6. The survival rate of green belt developed is being monitored on periodic basis and damaged plants are being replaced with new plants subsequently vide order no. W122827-002, dated 27.08.2022.</li> <li>7. The detailed green belt development report in CPCB tabular format is enclosed as Annexure- I (c).</li> <li>8. The plantation has also been verified by the office of DFO. The Letter copy is enclosed as Annexure- I (d)</li> </ol>



Sr. no.	A. Specific Conditions	Compliance Status
A (iii)	Greening and Paving shall be implemented in the plant area to arrest soil erosion and dust pollution from exposed soil surface.	Plant internal roads, vehicle movement areas and workplaces are developed with concreted/paved and landscaping for horticulture development is being carried out. Greenery has been developed along the roadside and in open unused areas. 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. As on date, construction of 170 mtr internal RCC road is being initiated. The order copy is enclosed as Annexure- II.
A (iv)	PP shall install three Continuous Ambient Air Quality Monitoring Station (CAAQMS) as one in upstream, one in the down-stream and one at the cross-wind direction by end of July, 2022.	Three locations for CAAQMS have been identified - one in upstream, one in down-stream and one in crosswind direction. Orders have been placed and work is in progress. The work order copy is enclosed as Annexure-III. In addition to this, five ambient air quality monitoring stations (AAQMS) have been established at given locations inside the plant, namely 1. Near Main Gate, 2. Near Admin Building & Store, 3. Near Boundary Wall (North-East side), 4. Near CPP Cooling Tower and 5. Near PCM side boundary wall, ambient air monitoring is being carried out on bimonthly basis by NABL accredited external agency. Data of ambient air quality is being submitted regularly through Half-yearly compliance report. The monitoring reports are enclosed as Annexure IV.
A (v)	PP shall provide RO plant as tertiary treatment facility to ensure reuse of treated wastewater to an extent of 700 KL..	At present, treated wastewater is being reused inside the plant. RO plant is a tertiary treatment plant which will be installed post commissioning of STP & ETP. For Primary & Secondary treatment plant, Work order has been placed. Order copy is enclosed as Annexure-V.
A (vi)	12 numbers of additional truck mounted Fog/Mist water cannons shall be procured and operated regularly inside the project premises and also in the surrounding villages to arrest suspended dust in the atmosphere. PP shall do plantation work in the surrounding villages also.	The procurement process of 06 nos. of Trolley mounted Fog/Mist water cannons has been initiated. Order- copy attached as Annexure- VI. Balance 06 nos. of truck mounted Fog/Mist water cannons shall be ordered during the coming financial year. Operation of existing 01 no. of Fog/Mist water cannons is being ensured regularly inside the project premises. Plantation work- 1000 nos. of saplings have been planted in the surrounding village 'Gopalpur'.



Sr. no.	A. Specific Conditions	Compliance Status
A (vii)	<p>Following additional arrangements to control fugitive dust shall be provided:</p> <ul style="list-style-type: none"> <li>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.</li> <li>b. Proper covered vehicle shall be used while transport of materials.</li> <li>c. Wheel washing mechanism shall be provided in entry and exit gates with complete recirculation system.</li> </ul>	<p>Following additional arrangements have been provided to control fugitive dust.</p> <ul style="list-style-type: none"> <li>a. 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 successfully.</li> <li>b. All the raw Materials like Iron ore lump &amp; fines, flux and coke &amp; coke Fines are kept covered with Tarpaulin. 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.</li> <li>c. At present, our entry and exit gate is common. So, provision for one Wheel washing mechanism with complete recirculation system has been initiated near main gate and will be updated in next half yearly compliance report.</li> </ul>
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
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 vide order no. 3322000173 and test report shall be submitted to Regional Office of the MoEF&CC through next half yearly compliance report. The order copy is enclosed as Annexure- VII.
A (x)	Particulate matter emission from stacks shall be less than 30 mg/Nm <sup>3</sup> .	Noted & agreed to comply. We've granted Consent to Establish (CTE) from WBPCB vide memo no. 393-2N-566/2003-PART-I dated 25.07.2022. So, our project is under the establishment phase. The CTE copy is enclosed as Annexure-VIII. We will install adequate APC system to achieve limits post obtaining CTO.

Sr. no.	A. Specific Conditions	Compliance Status
A (xi)	Blast Furnace shall be equipped with dry gas cleaning plant, stove waste heat recovery, cast house and stock house ventilation system and slag granulation facility.	Order has been placed for installation and commissioning of Dry Gas Cleaning Plant with complete package which costs USD 1,100,000. The order copy is enclosed as Annexure-IX.
A (xii)	Sinter Plant shall be equipped with Sinter cooler waste recovery system and suitable technology for control of dioxins and furans emissions from the plant.	Complied for existing sinter plant. The project is in establishment phase. Will be complied post operational activity.
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.	This shall be complied during installation of steel plant within plant premises.

Sr. no.	B. General Conditions	Compliance Status
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 (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	<ol style="list-style-type: none"> <li>To monitor stack emission, 24x7 continuous emission monitoring system (CEMS) have been installed at process stacks like Sinter Plant, Blast Furnace Stove &amp; Captive Power Plant and real time online data is being transmitted to SPCB &amp; CPCB Server.</li> <li>The CEMS online analyzers are calibrated regularly from time to time. The calibration certificate is enclosed as Annexure-X.</li> <li>Moreover, Stack emission monitoring is also being carried out by NABL accredited laboratory on a bi-monthly basis. The monitoring</li> </ol>



Sr. no.	B. General Conditions	Compliance Status
	(Protection) Act, 1986 or NABL accredited laboratories.	<p>report is enclosed as Annexure-XI</p> <p>4. For installation of three Continuous Ambient Air Quality Station (CAAQS) for monitoring AAQ parameters, order has been placed and work is in progress. The order copy is enclosed as Annexure-III.</p> <p>5. Project is in Establishment phase. Prior to operate, CAAQMS will be installed &amp; connected to SPCB and CPCB online servers.</p>
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.	Fugitive emissions are being regularly monitored in the plant premises (at work environment) by NABL accredited laboratory on a bi-monthly basis. Testing report is enclosed as Annexure-XII.
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.	<p>1. An Appropriate Air Pollution Control (APC) system has been provided at the Sinter Plant (SP) &amp; MBF cast house. Exhaust gases from SP head-end and tail-end is cleaned through ESPs to get stack emission under prescribed standard. Blast Furnace gas is cleaned through Gas Cleaning Plant comprises of dry dust catcher, saturator, and venturi scrubbers to control emission. Plan for installation of a higher capacity fume exhaust system is under progress and is being taken care of during MBF upgradation project. The details will be updated in the next half yearly compliance report.</p> <p>2. Plant de-dusting system i.e., collection of fugitive emissions through suction hood &amp; duct line and subsequent treatment through bag filters are provided to control fugitive dust.</p> <p>3. Further, Specific measures like Fixed Water Sprinkler, Water Fog Cannon etc. provided in Ground Hopper, Raw Material handling area, Truck Tippler etc. Mobile Water Tanker deployed inside &amp; outside plant premises for water sprinkling on roads.</p> <p>4. All the conveyors and transfer points have been enclosed to reduce secondary fugitive emission.</p> <p>5. Plant internal roads, vehicle movement areas and workplaces are developed as either concreted or paved and cleaned at regular</p>

Sr. no.	B. General Conditions	Compliance Status																		
		<p>intervals. The cleaned process dust particles are collected and sent for re-use in the Sinter process plant. All the raw materials like Iron ore lump &amp; fines, flux and coke &amp; coke Fines are kept covered with Tarpaulin.</p> <p>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.</p> <p>Stack emissions &amp; Fugitive emissions are being regularly monitored at all process stacks &amp; work environment respectively by NABL accredited laboratory on bi-monthly basis. Testing reports are enclosed as Annexure-XI &amp; Annexure-XII respectively.</p>																		
B.II (iv)	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.	Inspection of filter bags & replacement of damaged bags is being carried out at regular intervals. Automated 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.	<p>Iron ore fines, coke fines and flue dust collected from the pollution control devices are reused in Sinter Plant.</p> <table><thead><tr><th>Period</th><th colspan="3">Total</th></tr><tr><th></th><th>Fines</th><th>Generation (MT)</th><th>Re-used/Recycled. (MT)</th></tr></thead><tbody><tr><td rowspan="3">Oct'22 to Mar'23</td><td>Iron Ore</td><td>26179.00</td><td>25180.63</td></tr><tr><td>Coal &amp; Coke</td><td>3708.77</td><td>3059.88</td></tr><tr><td>Flue dust</td><td>2660.91</td><td>1035.22</td></tr></tbody></table>	Period	Total				Fines	Generation (MT)	Re-used/Recycled. (MT)	Oct'22 to Mar'23	Iron Ore	26179.00	25180.63	Coal & Coke	3708.77	3059.88	Flue dust	2660.91	1035.22
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Sr. no.	B. General Conditions	Compliance Status
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.	A fume extraction system has been installed in blast furnace cast house. Plan for installation of a higher capacity fume exhaust system is under progress and details shall be updated in next half yearly compliance report.
B.II (viii)	Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.	Adequate air ventilation arrangements in the buildings exist.
<b>B. III Water quality monitoring and preservation</b>		
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.	At present, sanitary 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 establishment phase.
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 & post monsoon Testing reports are enclosed as Annexure-XIII.
B.III (iii)	Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.	A work order has been placed for the commissioning of 75 KLD STP and it's in progress. Order copy is enclosed as Annexure-V.

Sr. no.	B. General Conditions	Compliance Status
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 <sup>st</sup> March 2012 (applicable to IF/EAF) as amended from time to time.	Rolling mills are not yet established. The ETP will be provided for effluents of rolling mills.
B.III (v)	Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.	<p>Garland drains and collection pits are provided to arrest the run-off water in the event of heavy rains.</p> <p>A pond (7157 m<sup>2</sup>) is present within the project site. After connecting with surface run-off water drain, water samples shall be collected and monitored regularly. The report will be submitted in the next half yearly compliance report.</p> <p>Apart from above, we have made four roof-top rainwater harvesting reservoirs of capacities 40m<sup>3</sup>, 30m<sup>3</sup>, 15m<sup>3</sup> and 11.25m<sup>3</sup> respectively at the following locations-</p> <ul style="list-style-type: none"> <li>• CPP cooling tower area sump.</li> <li>• Sinter plant pump house area sump.</li> <li>• Rainwater harvesting sump at MBF area.</li> <li>• Rainwater harvesting sump at near Admin building.</li> </ul> <p>and the harvested rainwater is being used in process, plantation, dust suppression and indirect cooling applications wherever possible.</p> <p>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.</p>
B.III (vi)	Tyre washing facilities shall be provided at the entrance/exit of the plant 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 2023-24 near main gate location and will be updated in next half yearly compliance report.



Sr. no.	B. General Conditions	Compliance Status
<b>B. IV</b>	<b>Noise monitoring and prevention</b>	
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 compliance report.	The noise quality is being monitored as per the prescribed Noise Pollution (Regulation and Control) Rules, 2000 by NABL accredited laboratory on bi-monthly basis. The monitoring reports are enclosed as Annexure- XIV.
<b>B. V</b>	<b>Energy Conservation measures</b>	
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.	Installation & commissioning of one roof top solar power system at roof-top of New Admin Building is already planned. The new Admin Building is under construction phase. The solar panel will be installed after completion of construction work. Old halogen/mercury lights are being replaced with LED lights progressively at various locations.
<b>B. VI</b>	<b>Waste Management</b>	
B. VI (i)	Used refractories shall be recycled.	Broken refractory mass is used as sub-base material for road construction and given to authorized agency for recycling.
B. VI (ii)	Kitchen waste shall be composted or converted to biogas for further use.	Kitchen Waste composting machine is installed near canteen. The bio-compost is utilized in gardening, vegetation, and plantation activities. A total of 125.6 Kg compost is being generated & utilized as manure against 166.2 Kg of food waste during the period Oct'22 to Mar'23.
<b>B. VII.</b>	<b>Green Belt</b>	
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.	The study on GHG emissions inventory including carbon sequestration with respect to project establishment stage, has been started vide order no.3322000179 and is in progress. The order copy is enclosed as Annexure- XV. The detailed report will be updated in the next half yearly compliance report. However, as on 31.03.2023, a total of 24323 nos. of saplings have been planted with native species. The project is under establishment phase vide

Sr. no.	B. General Conditions	Compliance Status
		Consent to Establishment memo no 393-2N-566/2003-PART-I dated 25.07.2022.
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.	We've been granted Consent to Established (CTE) from WBPCB vide memo no. 393-2N-566/2003-PART-I dated 25.07.2022. So, the project is under the establishment phase. However, study on De-carbonization program has been initiated vide order no.3322000179 and is under progress. The order copy is enclosed as Annexure- XV. Hence, the detail study report will be submitted through the next half yearly compliance report.
<b>B. VIII</b>	<b>Public hearing and Human health issues</b>	
B.VIII (i)	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Our existing plant is ISO 45001 & ISO:14001 certified organization. Hence, Emergency preparedness plan is being implemented to ensure Safety and Health.
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.	The workmen who work in high temperature work zone have been identified and heat stress analysis for these workmen is being carried out separately in Occupational health surveillance. Personal Protection Equipment (PPE) like FR suits, Full face helmets, Leg guards, Leather Hand gloves, Nitrile sole safety shoes have been provided 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 is being conducted on Dt. 29.03.2023.



Sr. no.	B. General Conditions	Compliance Status
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.II dated 30/09/2020. As part of Corporate Environment Responsibility (CER) activity, company shall adopt Hattala, Bascopa, Rajbandh, Bandra, Gopalpur, Gosaidanga, Chataidanga, Monarkonda, Rugaranja, 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.	Is being complied.  As part of Corporate Environment Responsibility (CER) activity, the socio-economic development/ community developmental activities have been undertaken by the company through CSR programs.
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.	As our organization is ISO:14001 & 45001 certified, so well-defined EHS policy duly approved by our Factory Manager is there. The copy is enclosed as Annexure-XVI and submitted to the MoEF&CC as a part of six-monthly report.
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.X (i)	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 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 clip of advertisement is enclosed as Annexure-XVII.

Sr. no.	B. General Conditions	Compliance Status
B.X (ii)	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.	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 are enclosed as Annexure-XVIII.
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	Noted. The status of compliance of the stipulated environment clearance conditions, including results of monitored data will be uploaded on our website and will be updated on half-yearly basis.
B.X (iv)	The project proponent shall monitor the criteria pollutants level namely; PM <sub>10</sub> , SO <sub>2</sub> , NO <sub>x</sub> (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.	Environmental data on PM <sub>10</sub> , SO <sub>2</sub> , NO <sub>x</sub> (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.
B.X (v)	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the 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. 30.11.2022 for the period April'2022 to September'2022. The Six-monthly report for the period Oct'22 to Mar'23 will be submitted on website of the ministry of Environment, Forest, and Climate Change at environment clearance portal.
B.X (vi)	The project proponent shall submit the environmental statement for 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	Is being complied. The environmental statement for FY 2021-22 has been submitted in Form-V to WBPCB and put on the website of the company. The environmental statement for FY 2022-23 will be put on the website of the company after submission of Form-V to WBPCB.

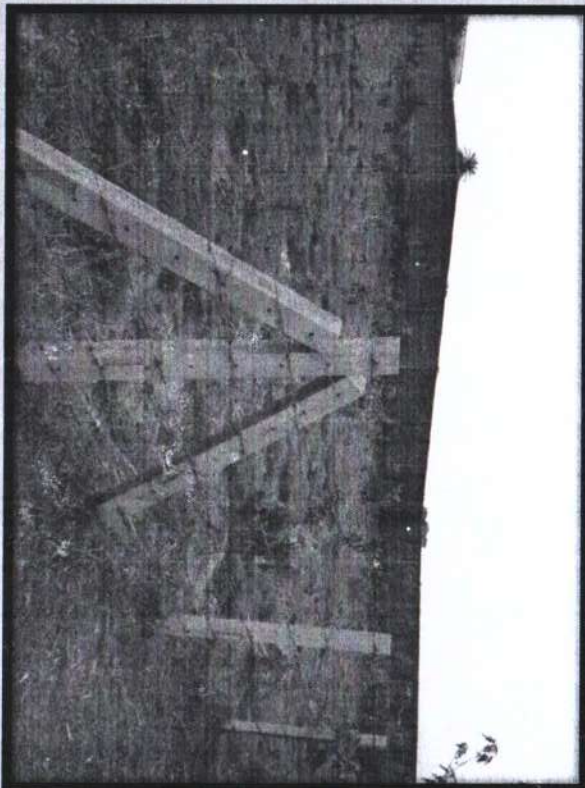
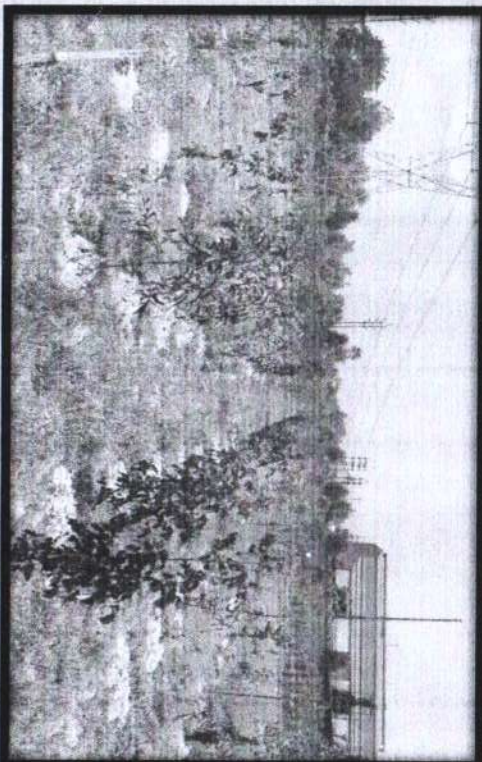
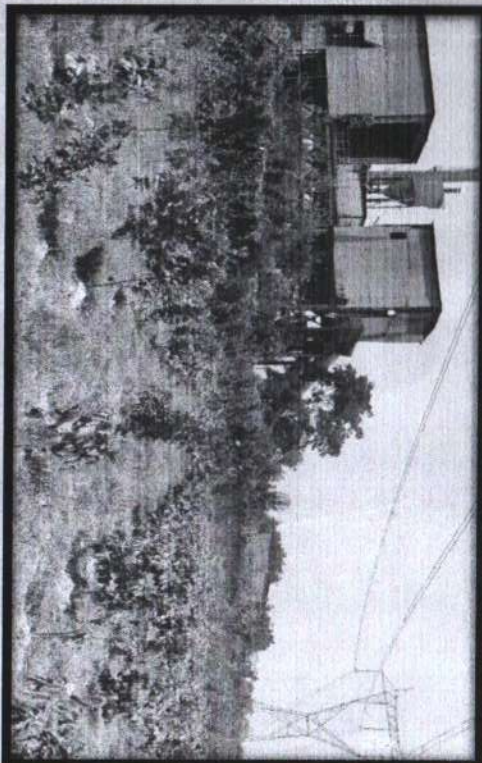


Sr. no.	B. General Conditions	Compliance Status
B.X (vii)	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project	Noted. We've been granted Consent to Established (CTE) from WBPCB vide memo no. 393-2N-566/2003-PART-I dated 25.07.2022. So, the project is under the establishment phase. Land development works for Sinter Plant, Power plant & MBF upgradation work have been started inside plant premises.
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).	EC granted for Expansion & upgradation of Pig Iron Manufacturing Plant to 0.4 MTPA Capacity vide file no. J-11011/779/2007-IA.II (I) dated 02.06.2022. However, further expansion or modifications in the plant will be carried out only after prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
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
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

Sr. no.	B. General Conditions	Compliance Status
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

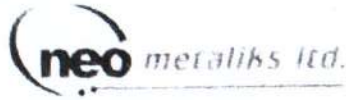
  
Signature







## Annexure- I (a)



VILL : GOPALPUR, PO : GOPALPUR, VIA : DURGAPUR, DIST :  
BURDWAN, DURGAPUR - 713212, INDIA  
State : West Bengal, State Code : 19, GSTIN No. : 19AABCN8514G1ZE

SUPPLIER COPY / OFFICE COPY

**WORK ORDER**

WO. No. : W122923-002  
WO. Date : 23-09-2022  
Div Code : Blast Furnace  
PAN : AABCN8514G

**SUPPLIER'S NAME & ADDRESS**

To,  
**Baro Maa Enterprise**  
BHEDIA P.O. ALUSHGRAM, PURBA MEDINIPUR  
STATE : WEST BENGAL, STATE CODE : 19  
GSTIN NO. : 19BRQPR4549P1Z1,  
PAN NO. : BRQPR4549PMO. NO. : 9932348645 / 9434670191,

**BILLING & FACTORY ADDRESS****NEO METALIKS LIMITED**

VILL : GOPALPUR, PO : GOPALPUR, VIA : DURGAPUR, DIST : BURDWAN, DURGAPUR -  
713212, INDIA  
State : West Bengal, State Code : 19, GSTIN No. : 19AABCN8514G1ZE  
CIN No. : U27109WB2003PLC097231, PAN No. : AABCN8514GPh. No. : 40504050, Email  
info@neometaliks.com

**Kind Attn. :-**

Person : Subodh Roy  
Detail : 9932348645 / 9434670191

**SHIPPING ADDRESS**

Quotation No. : OFFER  
Quotation Date : 15-06-2022

Line No.	Item Code	Description	HSN Code	Ref. No.	UM	Qty/Cancel Qty	Actual Qty	Price/Unit (I	Value
1	190601025	SAPLING INSTALLATION & MANURING Remark : FOR GREEN BELT DEVELOPMENT WORK	9985	1322Y-00222	NO	8000.000	8000.000	200.00	16,00,000.00

In Words-Rs - Sixteen Lakhs Only .

Total : 16,00,000.00

SGST 1,44,000.00  
CGST 1,44,000.00

In Words-Rs - Eighteen Lakhs Eighty Eight Thousand Only .

Order Amount (INR) 18,88,000.00

**Terms & Conditions :**

General Terms &  
Condition

1. You have to mobilize after receiving the W.O. as per instruction of NEO in charge
2. Necessary manpower, tools, tackles to be carry out the job is in your scope.
3. You will provide a dedicated mobile phone to your Site-in-charge at site and he must response whenever called.
4. Material shifting from Store to site and site to store will be in your scope
5. Jointly signed Reconciliation sheet will be submitted alongwith the bill for release of payment.
6. Power and Water will be supplied at one point you will make your own arrangement for your requirement.
7. You have to take care of all safety aspects of your employees working at site.
8. You have to follow all safety norms and ensure all kind of safety to your workers and supervisors.
9. You are liable to follow all necessary rules and regulation under law of land e.g. Factory Acts, Labour Acts etc.
10. In the event of any claim or demand being made on us as a consequent of any act deed or thing done by you in the course of executing the work, you will be liable to indemnify for the same.
11. If any accident occurs during the work, you will be liable for all payments, maintenance etc. to the worker / worker's family as per the statutory rules in force in the state or the country as a whole.
12. You will be responsible for all payment including minimum wages to your workers as per the Government rules.
13. All employees engaged in the site must cover ESI & EPF registration/ under insurance coverage and the certificate of which to be submitted before execution of work. Those who are not covered under ESI / Workmen Compensation Insurance and any liability occur to NML the same will be realized from you.
14. All Statutory liabilities will be in your scope.
15. Other existing not rules mentioned here shall be applicable as per prevailing rules of NML.

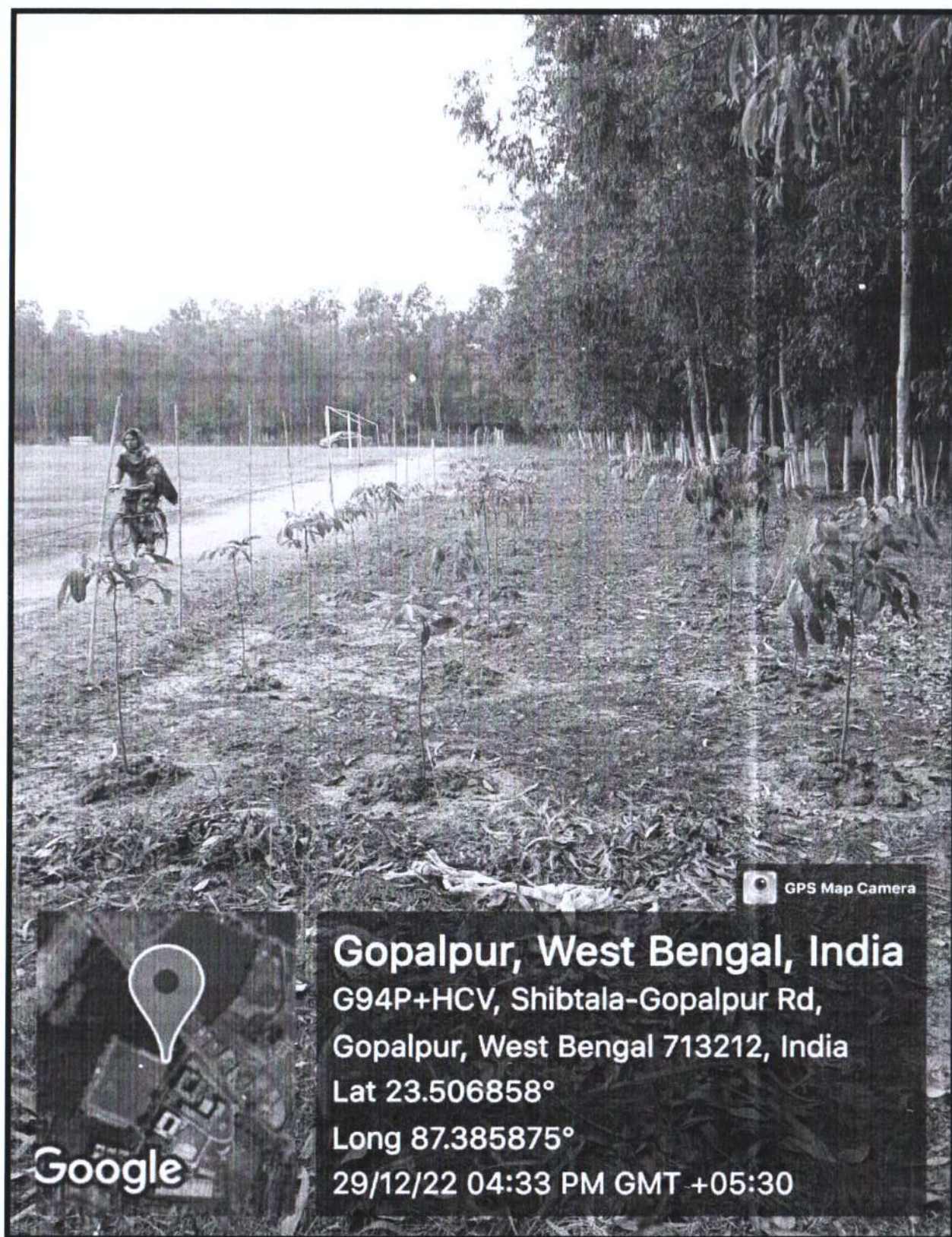
Scope Of Work

**SCOPE OF WORK MAINTENANCE OF SAPLINGS :**

1. Alignment of Planting lines and staking the pit and initial cleaning of the planting site by machine.
2. Digging of planting pit of size (0.60+0.45/2)x0.45cm at a spacing of 1.5 mtr x 1.5 mtr (4000 Nos.).
3. Pit Filling and Application Pulversised Organic manure, neem oil cake.
4. Application of NPK as per does prescribe per pit.
5. Transplanting of potted seedling in pits including carriage of Root Trainers to planting site and collection and recarriage of Root Trainers to local store site.
6. Filling up the vacancies.
7. Application of Insecticides to the planted seedlings.
8. 1 st mulching, weeding, cleaning and application of fertilizer with 40 Gm NPK.



PHOTOGRAPHS OF PLANTATION



**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
24,323 Nos. (as on Dt. 31-03-2023)	Sonajuri, Jamul, Arjun, Kadamb, Karanj, Simarua, Chhatiana, Radhachur etc.	Approx. 30.74 Acre	Approx. 92 %	Approx. 1000 Nos of Saplings in 1 Acre	Approx. 30.74 Acre	34.1%





Government of West Bengal  
Directorate of Forests  
Office of the Divisional Forest Officer  
Burdwan Division.

Phone - Fax:: 0342-2950507, e-mail : dfobdn@yahoo.co.in



No. 275 / 8

Dated, Burdwan, the

25 / 01 / 2022.

To : M/S NEO Metaliks Limited  
Village and Post- Gopalpur  
Durgapur-12  
Dist.- Paschim Bardhaman

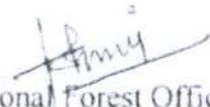


Sub.- Certificate regarding plantation of tree in non-forest area

As per field verification report of Range Officer, Durgapur Range this is hereby certified that M/s Neo Metaliks Ltd. has undertaken plantation program since 2013-2021 over about 25.74 acres that is 33% of your total plant area of 78 acres. The species planted include Teak, Kadam, Radhachura, Krishnachura, Sirish, Rain tree, Akashmoni etc with some fruit species. It is suggested that you are to maintain uniform spacing as per approved plantation technique and also it should be encouraging to plant broad leaf species along with shrub species as a sink of pollution. You are also to advise that planting of Akashmoni species should be discouraged as far as practicable and maintenance should be continued as per requirement to maintain the present status of the plantation.

Please keep it up for creation of further green belt in your plant premises available for such work maintaining proper plantation plan and guideline in consultation with the Range Officer Durgapur Range.

A copy of physical field verification report of Range Officer, Durgapur Range is enclosed herewith for maintaining the suggestion made by him.

  
Divisional Forest Officer  
Burdwan Division

No. 275(1) / 8

Dated, Burdwan, the

25 / 01 / 2022

Copy forwarded for information to:  
The Range Officer, Durgapur Range.

**Sd/- Nisha Goswami, I.F.S.**  
Divisional Forest Officer  
Burdwan Division

## Annexure- II

Park Plaza, 71 Park Street, 6F, North Block, Kolkata Pin - 700016  
 Tel : 033-40504050 Email - info@neometaliks.com  
 Website : www.neometaliks.com GIN No : U27109WB2003PLC097231

## SERVICE ORDER

PO.Number : 3322000185

Date : 06.04.2023

## Details of service provider

RINA ENTERPRISE

LOHAGURI, RAKSHITPUR KANKSA

KANKSA

State Name : West Bengal

StateCode : 19

GSTIN : 19AHGPB5758D2ZD

PAN :

Contact Details :

## Other References

Your reference : OFFER / 04.03.2023

Our Reference : W123406-001 / 06.04.2023

RFQ Number :

Contact Person :

Contact Number:

## Service provider address

RINA ENTERPRISE

LOHAGURI, RAKSHITPUR KANKSA

KANKSA

State Name : West Bengal

StateCode : 19

GSTIN : 19AHGPB5758D2ZD

PAN :

Contact Details :

## Billing To Address

Neo Metaliks Limited

GOPALPUR

DURGAPUR 713212

State Name : West Bengal

StateCode : 19

GSTIN : 19AABCN8514G1ZE

PAN : AABCN8514G

Sr. No.	Item Code	Description	Unit	HSN / SAC	Ref.No	Quantity	Price / Unit	Dis %	Dis. Amt.	Amount
1		170 RMT Road Work Construction of New 170 RMT RCC Road (Road width 4 mtr) at Sinter HT Room to Ground Hopper			1322000168					683,340.00

CGST @ 9.00 % 61,500.60

SGST @ 9.00 % 61,500.60

Above service line contains below services :-

	3000066	Earth Cutting	M3	9954		340.000	220.00			74,800.00
	3001494	SUPPLY & LAYING 300MM THK BOULDER SOLING	M3	0		270.000	1,350.00			364,500.00
	3001493	PROVIDING & LAYING POLYETHENE	M2	0		680.000	25.00			17,000.00
	3001005	RCC (M-25)	M3			136.000	1,500.00			204,000.00
	3000823	REINFORCEMENT. REINFORCEMENT	MT	0		3.600	6,400.00			23,040.00

In words : Rupees Six Lakh Eighty Three Thousand Three Hundred Forty only

Val.Excl.Tax

683,340.00

In words : Rupees Eight Lakh Six Thousand Three Hundred Forty One And Paise Twenty only

Order Value

806,341.20

## Terms &amp; Conditions :-

## General Conditions

1. Mobilization at our Durgapur site within 2-3 days after receipt of the work order.
2. Steel, Cement, Bricks, Stone Chips and Sand will be supplied by NML as free issue.
3. You have to submit Reconciliation statement of free issue materials from NML.
4. All other materials, tools & tackles and labour and scaffolding/staging required to complete the job in totality shall be in your scope.
5. Scaffolding if required shall be arranged by you.
6. You will be responsible for all payment including minimum wages to your workers as per the Government rules.
7. You must ensure adequate supervision of work for compliance of safety measure.
8. You must provide proper safety equipment to your workmen.
9. Safety of the workers engaged in the job is your responsibility and the company shall not be responsible for any type of compensation to your worker. You have to provide adequate Personnel Protective Equipment like Helmet, Safety Shoes, Safety Goggles, and Hand Gloves etc. as per safety requirement.
10. If any accident occurs during the work, you will be liable for all payments, maintenance etc. to the worker/ worker's family as per the statutory rules in force in the state or the country as a whole.
11. You will ensure no bad elements in the job.

Rajeswari Nair

Prepared By



Approved By

NOTE: Please mention order number Unit of Measurement (UOM), HSN/SAC and A/C head in challan/invoice for faster payment.  
 Your general conditions of sale/services are not applicable to us.  
 Your GST registration number should be quoted in your challan/invoice.  
 Material/Services will be accepted only against submission of copy of Tax invoice.



Park Plaza,71 Park Street, 6F , North Block,Kolkata Pin - 700016  
 Tel : 033-40504050 Email - info@neometaliks.com  
 Website : www.neometaliks.com CIN No : U27109WB2003PLC097231

## PURCHASE ORDER

**PO.Number : 3522000278**
**Date : 09.03.2023**
**Details of supplier**
**ENVEA INDIA PVT LTD**

D/16 3 &amp; 4 TTC INDUSTRIAL AREA MIDC TURBHE

NAVI MUMBAI

State Name : Maharashtra

StateCode : 27

GSTIN : 27AACCE0200B1ZO

PAN :

Contact Details :

**Other References**

Your reference : /

Our Reference : P222309-001 /

REF:NML/ENVIORN/ENVEA/2209, DTD.28.07.2022

RFQ Number :

Contact Person :

Contact Number:

**Shipping from address**

ENVEA INDIA PVT LTD

D/16 3 &amp; 4 TTC INDUSTRIAL AREA MIDC TURBHE

NAVI MUMBAI

State Name : Maharashtra

StateCode : 27

GSTIN : 27AACCE0200B1ZO

PAN :

Contact Details :

**Billing To Address**

Neo Metaliks Limited

Vil &amp; PO Gopalpur,Dist Burdwan

Durgapur 713212

State Name : West Bengal

StateCode : 19

GSTIN : 19AABCN8514G1ZE

PAN : AABCN8514G

Sr. No.	Item Code	Description	Unit	HSN / SAC	Ref.No	Quantity	Price / Unit	Dis %	Dis. Amt.	Amount
1	PC95001675	SO2 ANALYSER	NOS		1722000040	3.000	530,000.00	0.00	0.00	1,590,000.00
IGST @ 18.00 %										286,200.00
2	PC95001679	NOX ANALYSER	NOS		1722000040	3.000	570,000.00	0.00	0.00	1,710,000.00
IGST @ 18.00 %										307,800.00
3	PC95001680	CO ANALYSER FOR CAAQMS	NOS		1722000040	3.000	472,000.00	0.00	0.00	1,416,000.00
IGST @ 18.00 %										254,880.00
4	PC95001681	PM2.5 ANALYSER	NOS		1722000040	3.000	810,000.00	0.00	0.00	2,430,000.00
IGST @ 18.00 %										437,400.00
5	PC95001682	PM10 ANALYSER	NOS		1722000040	3.000	800,000.00	0.00	0.00	2,400,000.00
IGST @ 18.00 %										432,000.00
6	PC95001683	MULTI POINT, MULTI-GAS CALLIBRATOR	NOS		1722000040	3.000	355,000.00	0.00	0.00	1,065,000.00
IGST @ 18.00 %										191,700.00
7	PC95001684	CALLIBRATION GAS CYLINDERS(SO2, NOX, CO)	NOS		1722000040	3.000	60,000.00	0.00	0.00	180,000.00
IGST @ 18.00 %										32,400.00
8	PC95001685	GAS SAMPLING SYSTEM & HOOD	NOS		1722000040	3.000	22,000.00	0.00	0.00	66,000.00
IGST @ 18.00 %										11,880.00
9	PC95001686	RACK CABINET FOR ALL ANALYSERS & SYSTEM	NOS		1722000040	3.000	54,735.00	0.00	0.00	164,205.00
IGST @ 18.00 %										29,556.90
10	PC95001689	DATA LOGGER-SOFTWARE	NOS		1722000040	3.000	159,598.00	0.00	0.00	478,794.00
IGST @ 18.00 %										86,182.92
In words : Rupees One Crore Fourteen Lakh Ninety Nine Thousand Nine Hundred Ninety Nine only							Val.Excl.Tax		11,499,999.00	
In words : Rupees One Crore Thirty Five Lakh Sixty Nine Thousand Nine Hundred Ninety Eight And Paise Eighty Two only							Order Value		13,569,998.82	

**Terms & Conditions : -**
**Header text**

Kind Attn: Mr. Suvam Mazumder, Manager Sales (Mob: 9681541523)

**Rajeswari Nair**

Prepared By

Approved By

NOTE : Please mention order number,Unit of Measurement(UOM),HSN/SAC and A/C head in challan/invoice for faster payment .  
 Your general conditions of sale/services are not applicable to us .  
 Your GST registration number should be quoted in your challan/invoice .  
 Material/Services will be accepted only against submission of copy of Tax invoice.

## Annexure- IV



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.**

: QLS/A/22-23/C/688

**Date**

: 02.12.2022

**Sample No.**

: QLS/A/22-23/688

**Date of Performance(s)**

: 24.11-29.11.2022

**Sample Description**

: Ambient Air

**Ref No. Date**

: W122505-006 Dated: 05.05.2022

**Analysis Result**

Location: North- East Boundary Wall

Date of sampling : 18-19.11.2022

Sampling Done by: P.Mandal/S.Ghosh

Sampling done as per : CPCB Guidelines (Volume-1)

Environmental Condition : Clear &amp; Sunny

Sl. No.	Pollutants	Result	Limit as per CPCB	Method of Test Reference
1	Particulate matter (PM <sub>10</sub> ) in $\mu\text{g}/\text{m}^3$	62	100	IS: 5182 (Part-23), RA-2017
2	Particulate matter (PM <sub>2.5</sub> ) in $\mu\text{g}/\text{m}^3$	30	60	USEPA CFR-40, Part-50, Appendix-L
3	Sulphur dioxide (SO <sub>2</sub> ) in $\mu\text{g}/\text{m}^3$	8.0	80	IS: 5182 (Part-2)-2001, RA-2017
4	Nitrogen dioxide (NO <sub>2</sub> ) in $\mu\text{g}/\text{m}^3$	30.8	80	IS: 5182 (Part- 6)-2006, RA-2017
5	Carbon Monoxide (CO) in $\mu\text{g}/\text{m}^3$	595	2000	IS: 5182 (Part-10):1999, RA-2014
6	Ammonia (NH <sub>3</sub> ) in $\mu\text{g}/\text{m}^3$	12.3	400	Air Sampling , 3 <sup>rd</sup> Edn -Method-401
7	Lead (Pb) in $\mu\text{g}/\text{m}^3$	<0.02	1	EPA IO-3.2 & 5.0

**NOTE:** Limit as per CPCB notification, New Delhi, 18<sup>th</sup> November 2009, for Ambient air quality.for Qualissure Laboratory Services  
Reviewed & Authorized By

(Authorized Signatory)





EPC 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.**

QLS/A/22-23/C-687

**Date**

02.12.2022

**Sample No.**

QLS/A/22-23/687

**Date of Performance(S)**

24.11-29.11.2022

**Sample Description**

Ambient Air

**Ref No. Date**

W.122505-006, Dated: 05.05.2022

**Analysis Result**

Location: Near CPP Cooling Tower

Date of sampling : 17-18.11.2022

Sampling Done by: P.Mandal/S.Ghosh


Sampling done as per : CPCB Guidelines (Volume-1)

Environmental Condition : Clear &amp; Sunny

Sl. No.	Pollutants	Result	Limit as per CPCB	Method of Test Reference
1	Particulate matter (PM <sub>10</sub> ) in $\mu\text{g}/\text{m}^3$	74	100	IS: 5182 (Part-23) RA-2017
2	Particulate matter (PM <sub>2.5</sub> ) in $\mu\text{g}/\text{m}^3$	36	60	USEPA CFR-40 Part-50 Appendix 1
3	Sulphur dioxide (SO <sub>2</sub> ) in $\mu\text{g}/\text{m}^3$	8.8	80	IS: 5182 (Part-2)-2001, RA-2017
4	Nitrogen dioxide (NO <sub>2</sub> ) in $\mu\text{g}/\text{m}^3$	30.4	80	IS: 5182 (Part-6)-2006, RA-2017
5	Carbon Monoxide (CO) in $\mu\text{g}/\text{m}^3$	675	2000	IS: 5182 (Part-10)-1999 RA-2014
6	Ammonia (NH <sub>3</sub> ) in $\mu\text{g}/\text{m}^3$	33.2	400	Air Sampling - 3 <sup>rd</sup> Edn - Method-401
7	Lead (Pb) in $\mu\text{g}/\text{m}^3$	0.03	1	EPA10-3.2 & 5.0

**NOTE:** Limit as per CPCB notification, New Delhi, 18<sup>th</sup> November 2009, for Ambient air quality

for Qualissure Laboratory Services  
Reviewed & Authorized By

  
(Authorized Signatory)



DOC NO : QLS/SAMP/08 A/00

**TEST REPORT**

Name & Address Of the Customer :	Report No.	QLS/A/22-23/C/686
M/s Neo Metals Ltd.	Date	02.12.2022
Village P.O. Gobalpur	Sample No.	QLS/A/22-23/686
P.S. Kanksa Durgapur	Date of Performance(s)	24.11-29.11.2022
Poschim Bardhaman	Sample Description	Ambient Air
West Bengal - 713 012	Ref No. Date	W122505-006, Dated 05.05.2022

**Analysis Result**

Location : PCM Side Boundary Wall	Date of sampling : 17-18.11.2022
Sampling Done by : R. Mandal, S. Ghosh	Sampling done as per : CPCB Guidelines (Volume-1)
Environmental Condition : Clear & Sunny	

Sl. No.	Pollutants	Result	Limit as per CPCB	Method of Test Reference
1	Particulate Matter (PM <sub>10</sub> ) in $\mu\text{g}/\text{m}^3$	89	100	IS: 5182 (Part-23), RA-2017
2	Particulate Matter (PM <sub>2.5</sub> ) in $\mu\text{g}/\text{m}^3$	44	60	USEPA CFR-40, Part-50, Appendix-L
3	Sulphur dioxide (SO <sub>2</sub> ) in $\mu\text{g}/\text{m}^3$	9.0	80	IS: 5182 (Part-2)-2001, RA-2017
4	Nitrogen dioxide (NO <sub>2</sub> ) in $\mu\text{g}/\text{m}^3$	32.6	80	IS: 5182 (Part-6)-2006, RA-2017
5	Carbon Monoxide (CO) in $\mu\text{g}/\text{m}^3$	869	2000	IS: 5182 (Part-10):1999, RA-2014
6	Ammonia (NH <sub>3</sub> ) in $\mu\text{g}/\text{m}^3$	28.1	400	Air Sampling, 3 <sup>rd</sup> Edn -Method-401
7	Lead (Pb) in $\mu\text{g}/\text{m}^3$	0.06	1	EPA IO-3.2 & 5.0

NOTE: Limit as per CPCB Notification, New Delhi, 18<sup>th</sup> November 2009, for Ambient air quality.

for Qualissure Laboratory Services  
Reviewed & Authorized By

(Authorized Signatory)





TC-6271

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. : QLS/A/22-23/C/881  
Date : 04.02.2023  
Sample No. : QLS/A/22-23/881  
Date of Performance(s) : 28.01.2023-03.02.2023  
Sample Description : Ambient Air  
Ref No. Date : W122505-006, Dated: 05.05.2022

**Analysis Result**

Location: Near Boundary Wall (North East)

Date of sampling : 27.01-28.01.2023

Sampling Done by: P.Mandal/S.Ghosh

Sampling done as per : CPCB Guidelines (Volume-1)

Environmental Condition : Clear &amp; Sunny

Sl. No.	Pollutants	Result	Limit as per CPCB	Method of Test Reference
1	Particulate matter (PM <sub>10</sub> ) in $\mu\text{g}/\text{m}^3$	96	100	IS: 5182 (Part-23), RA-2017
2	Particulate matter (PM <sub>2.5</sub> ) in $\mu\text{g}/\text{m}^3$	57	60	USEPA CFR-40, Part-50, Appendix-L
3	Sulphur dioxide (SO <sub>2</sub> ) in $\mu\text{g}/\text{m}^3$	8.9	80	IS: 5182 (Part-2)-2001, RA-2017
4	Nitrogen dioxide (NO <sub>2</sub> ) in $\mu\text{g}/\text{m}^3$	33.8	80	IS: 5182 (Part-6)-2006, RA-2017
5	Carbon Monoxide (CO) in $\mu\text{g}/\text{m}^3$	950	2000	IS: 5182 (Part-10)-1999, RA-2014
6	Ammonia (NH <sub>3</sub> ) in $\mu\text{g}/\text{m}^3$	32.2	400	Air Sampling, 3 <sup>rd</sup> Edn -Method-401
7	Lead (Pb) in $\mu\text{g}/\text{m}^3$	0.054	1	EPA IO-3.2 & 5.0

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

Report Prepared by : P. Mandal

for Qualissure Laboratory Services  
Reviewed & Authorized By

(Benimadhab Gorai, Chemist)  
(Authorized Signatory)

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



Email

66, Peacock Path, Thicket House, Park Road, Kolkata - 700107  
Mobile No. 9831187020, 9830901906

Lab. No. Q15/SAMP/08 A/06

## 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. Q15/A/22 23/8/18  
Date 04.02.2023  
Sample No. Q15/A/22 23/8/18  
Date of Performance(s) 28.01.2023-03.02.2023  
Sample Description Ambient Air  
Ref No. Date W122505 006, Dated 05.05.2022

## Analysis Result

Location: Near CPP Cooling Tower

Date of sampling: 24.01-25.01.2023

Sampling Done by: P. Mandal/S. Ghosh

Sampling done as per: CPCB Guidelines (Volume-1)

Environmental Condition: Clear & Sunny

Sl. No.	Pollutants	Result	Limit as per CPCB	Method of Test Reference
1	Particulate matter (PM <sub>10</sub> ) in $\mu\text{g}/\text{m}^3$	91	100	IS: 5182 (Part-23), RA-2017
2	Particulate matter (PM <sub>2.5</sub> ) in $\mu\text{g}/\text{m}^3$	54	60	USEPA CFR-40, Part-50, Appendix-L
3	Sulphur dioxide (SO <sub>2</sub> ) in $\mu\text{g}/\text{m}^3$	8.5	80	IS: 5182 (Part-2)-2001, RA-2017
4	Nitrogen dioxide (NO <sub>2</sub> ) in $\mu\text{g}/\text{m}^3$	31.1	80	IS: 5182 (Part-6)-2006, RA-2017
5	Carbon Monoxide (CO) in $\mu\text{g}/\text{m}^3$	824	2000	IS: 5182 (Part-10)-1999, RA-2014
6	Ammonia (NH <sub>3</sub> ) in $\mu\text{g}/\text{m}^3$	32.4	400	Air Sampling, 3 <sup>rd</sup> Edn - Method-401
7	Lead (Pb) in $\mu\text{g}/\text{m}^3$	0.19	1	EPA IO-3.2 & 5.0

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

Report Prepared by:

for Qualissure Laboratory Services  
Reviewed & Authorized By

(Benimadhab Gorai, Chemist)  
(Authorized Signatory)

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





## TEST REPORT

Doc No. QLS/AM/128 A/22

### 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. : QLS/A/22-23/C/877  
Date : 04.02.2023  
Sample No. : QLS/A/22-23/877  
Date of Performance(s) : 28.01.2023-03.02.2023  
Sample Description : Ambient Air  
Ref No. Date : W122505-006, Dated 05.05.2022

## Analysis Result

Location: Near Administrative Building

Date of sampling : 24.01-25.01.2023

Sampling Done by: P.Mandal/S.Ghosh

Sampling done as per : CPCB Guidelines (Volume-1)

Environmental Condition : Clear & Sunny

Sl. No.	Pollutants	Result	Limit as per CPCB	Method of Test Reference
1	Particulate matter (PM <sub>10</sub> ) in $\mu\text{g}/\text{m}^3$	96	100	IS: 5182 (Part-23), RA-2017
2	Particulate matter (PM <sub>2.5</sub> ) in $\mu\text{g}/\text{m}^3$	59	60	USEPA CFR-40, Part-50, Appendix-L
3	Sulphur dioxide (SO <sub>2</sub> ) in $\mu\text{g}/\text{m}^3$	9.4	80	IS: 5182 (Part-2)-2001, RA-2017
4	Nitrogen dioxide (NO <sub>2</sub> ) in $\mu\text{g}/\text{m}^3$	32.8	80	IS: 5182 (Part-6)-2006, RA-2017
5	Carbon Monoxide (CO) in $\mu\text{g}/\text{m}^3$	972	2000	IS: 5182 (Part-10)-1999, RA-2014
6	Ammonia (NH <sub>3</sub> ) in $\mu\text{g}/\text{m}^3$	34.4	400	Air Sampling, 3 <sup>rd</sup> Edn - Method-401
7	Lead (Pb) in $\mu\text{g}/\text{m}^3$	0.18	1	EPA IO-3.2 & 5.0

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

Report Prepared by: 1

for Qualissure Laboratory Services  
Reviewed & Authorized By

(Benimadhab Gorai, Chemist)  
(Authorized Signatory)

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



TC-6271

## TEST REPORT

Name &amp; Address Of the Customer

Date: \_\_\_\_\_

Date of Performance(s) \_\_\_\_\_

1973, 1974, 1975, 1976

<sup>5</sup> <http://www.fishbase.org>

### References

Ref No. Date

### Analysis Result

Report Prepared by 501

for Qualissure Laboratory Services  
Reviewed & Authorized By

Benimadhab Goral, Chemist)  
(Authorized Signatory)

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





## Annexure- V

Park Plaza, 71 Park Street, 6F, North Block, Kolkata, Pin-700016-713212  
Tel : 033-40504050 Fax No - 033-22177317 Email : info@neometaliks.com  
Website : www.neometaliks.com CIN No. : U27109WB2003PLC097231

SUPPLIER'S COPY / OFFICE COPY

purchase@neometaliks.com

Page 1 of 3

### PURCHASE ORDER

PO. No. : PU21D01-001  
PO. Date : 01-12-2021

#### Details of Supplier

##### Prerana Engineers & Consultants Pvt. Ltd.

28 D, R.K.SAMADHI ROAD

State Name : West Bengal State Code : 19

GSTIN/Unique ID: 19AABCP5990L1ZR

PAN No. : AABCP5990L

Contact Detail :

Div Code : Blast Furnace  
Quotation No. : OFFER & OUR LOI MAIL DTD.05  
Quotation Date : 10-08-2021  
Order Amend No. : 1  
Order Amend Date : 14-12-2021

Kind Attn. Person : Mr. Sutanu Bhattacharyya  
Detail : 9831365031 / 7980714577  
Email : sutanu@preranaengineers.com

#### Shipping From Address

Name : State Code :  
GSTIN/Unique ID :  
PAN No. :  
Contact Detail :

#### Billing To Address

##### NEO METALIKS LIMITED

VILL : GOPALPUR, PO : GOPALPUR, VIA : DURGAPUR, DIST :  
BURDWAN, DURGAPUR - 713212

State Name : West Bengal State Code : 19

GSTIN : 19AABCN8514G1ZE

PAN No. : AABCN8514G CIN No. : U27109WB2003PLC

Contact Detail : Ph. No. : 40504050, Email : info@neometaliks.com

Sr No.	Item Code	Description	HSN No.	Ref. No.	UM	Qty	Price/Unit (INR)	Discount	Value
1	190602001	SEWAGE TREATMENT PLANT Item Desc : DESIGN,ENGINEERING AND SUPPLY OF 75 KLD STP Remark : 1. SUPPLY OF STP WITH DESIGN ENGINEERING AND SUPERVISION OF ERECTION AND COMMISSIONING OF 75 KLD SEWAGE TREATMENT PLANT (BASKET CENTRIFUGE AS SLUDGE DEWATERING SYSTEM) ALONGWITH SPARES FOR COMMISSIONING OF STP WILL BE IN YOUR SCOPE. (DETAILS AS PER ATTACHED ANNEXURES).  a. Annexure -I- Scope of Supply for STP 75 JKS. b. Annexure-II - Guaranteed Parameters. c. Annexure-III -Technical Specifications of Supplied Equipments.	8414	IU21D01-001	LUM	1.000	13,50,000.00		13,50,000.00

In Words-Rs - Thirteen Lakhs Fifty Thousand Only .

Total (INR) 13,50,000.00

SGST  
1,21,500.00  
CGST  
1,21,500.00

In Words-Rs - Fifteen Lakhs Ninety Three Thousand Only .

Order Amount (INR) 15,93,000.00

#### Amendment Remark :- MAIL REQUEST DTD.07/12/21

HSN/SAC	Taxable value	CGST		SGST		IGST		CESS	
		Rate	Amt.	Rate	Amt.	Rate	Amt.	Rate	Amt.
8414	1350000	9	121500	9	121500			0	0
Total :	1350000		121500		121500				0

Total Tax Value (In Word) : Total Tax (in word) : Rs - Two Lakhs Forty Three Thousand Only .

#### Terms & Conditions :

Price Basis : PRICES ARE F.O.R NEO PLANT DURGAPUR, W.B. ON DOOR DELIVERY BASIS.  
Taxes & Duties : GST EXTRA AS APPLICABLE.  
Mode of Dispatch : BY ROAD TRANSPORT OR ANY SUITABLE.  
Freight : FREE DELIVERY TO OUR DURGAPUR PLANT.

Park Plaza, 71 Park Street, 6F, North Block, Kolkata Pin - 700016  
 Tel : 033-40504050 Email - info@neometaliks.com  
 Website : www.neometaliks.com CIN No : U27109WB2003PLC097231

## PURCHASE ORDER

<b>PO.Number : 3522000312</b>						<b>Date : 20.03.2023</b>					
<b>Details of supplier</b> <b>Control Systems &amp; Solutions</b> 28/2F, Nakuleswar Bhattacharjee Lane KOLKATA State Name : West Bengal      StateCode : 19 GSTIN : 19AFOPD8278C1Z5      PAN : Contact Details :						<b>Other References</b> Your reference : P222320-001 / 01.07.2022 Our Reference : SYSTEMS/2910 / 29.10.2022 RFQ Number : Contact Person : Contact Number:					
<b>Shipping from address</b> Control Systems & Solutions 28/2F, Nakuleswar Bhattacharjee Lane KOLKATA State Name : West Bengal      StateCode : 19 GSTIN : 19AFOPD8278C1Z5      PAN : Contact Details :						<b>Billing To Address</b> Neo Metaliks Limited Vil & PO Gopalpur, Dist Burdwan Durgapur 713212 State Name : West Bengal      StateCode : 19 GSTIN : 19AABCN8514G1ZE PAN : AABCN8514G					
<b>Sr. No.</b>	<b>Item Code</b>	<b>Description</b>	<b>Unit</b>	<b>HSN / SAC</b>	<b>Ref.No</b>	<b>Quantity</b>	<b>Price / Unit</b>	<b>Dis %</b>	<b>Dis. Amt.</b>	<b>Amount</b>	
1	CN30004259	<b>WATER CANON/DEFOGGER</b>	NOS	6901	1722000042	6.000	184,000.00	0.00	0.00	1,104,000.00	
								CGST @ 9.00 %		99,360.00	
								SGST @ 9.00 %		99,360.00	
In words : Rupees Eleven Lakh Four Thousand only							Val.Excl.Tax		1,104,000.00		
In words : Rupees Thirteen Lakh Two Thousand Seven Hundred Twenty only							Order Value		1,302,720.00		
<b>Terms &amp; Conditions : -</b> <b>Header text</b> Kind Attn: Mr. Deeptarka Roy Mob: 8276992788)  Sub: Order for Design, Engineering, Manufacturing, Supply of 06 Sets Trolley Mounted Fog / Mist Water Cannon including Supervision Services during its Installation and Commissioning, Supply of successful Commissioning Spares and 2-Years of Spares for our Neo Metaliks Limited Plant Site at Durgapur, West Bengal  Ref: - 1/ Our Enquiry dated 30.05.2022 2/ Your Offer dated 04.06.2022 3/ Your Revised Offer dated 20.06.2022 5/ Your Revised Offer dated 01.07.2022 6/ Final discussion held on 01.07.2022  With reference to above subject and based on our various discussions ending with final discussion held on dated 01st July, 2022 as referred above, we, M/s Neo Metaliks Ltd. (herein after referred as "Purchaser") are pleased to issue the Purchase Order (PO) (herein after may be referred as "Order" / "Contract") on M/s Control System & Control Solutions (herein after referred as "Supplier") for Design, Engineering, Manufacture, Supply of 06 Sets Trolley Mounted Fog / Mist Water Cannon including Supervision Services during its Installation and Commissioning, Supply of successful Commissioning Spares and 2-Years of Spares required for our Up-gradation Project at M/s Neo Metaliks Limited Plant Site, Durgapur, West Bengal.  The broad terms and conditions of the Order are detailed below: -											
<b>Taxes &amp; Duties</b> C. TAXES & DUTIES:  1. GST as applicable at the time of delivery over and above the contract price as mentioned in Clause No. B 1/ above  2. GST will be paid extra as applicable at the prevailing rate. GST amount shall be released only if there is no loss of credit to Purchaser or upon submission of proof of filing GST return by the Supplier within time frame of passing credit.											
<div style="display: flex; justify-content: space-between;"> <div> <b>Rajeswari Nair</b>             Prepared By         </div> <div>           Approved By         </div> </div>											
NOTE : Please mention order number, Unit of Measurement (UOM), HSN/SAC and A/C head in challan/invoice for faster payment . Your general conditions of sale/services are not applicable to us . Your GST registration number should be quoted in your challan/invoice . Material/Services will be accepted only against submission of copy of Tax invoice.											



## Annexure- VII

Park Plaza, 71 Park Street, 6F, North Block, Kolkata Pin - 700016  
 Tel : 033-40504050 Email - info@neometaliks.com  
 Website : www.neometaliks.com CIN No : U27109WB2003PLC097231

## SERVICE ORDER

PO.Number : 3322000173

Date : 10.04.2023

## Details of service provider

## QUALISSURE LABORATORY SERVICES

361, PRANTICK PALLY 45/361, BOSE PUKUR ROAD  
 KOLKATA

State Name : West Bengal StateCode : 19  
 GSTIN : 19AAAFQ5324K1Z3 PAN :  
 Contact Details :

## Other References

Your reference : QLS/22-23/27 / 25-02-2023  
 Our Reference : W123410-001 9 10.04.2023  
 RFQ Number :  
 Contact Person :  
 Contact Number :

## Service provider address

## QUALISSURE LABORATORY SERVICES

361, PRANTICK PALLY 45/361, BOSE PUKUR ROAD  
 KOLKATA

State Name : West Bengal StateCode : 19  
 GSTIN : 19AAAFQ5324K1Z3 PAN :  
 Contact Details :

## Billing To Address

Neo Metaliks Limited  
 Vil & PO Gopalpur, Dist Burdwan  
 Durgapur 713212

State Name : West Bengal StateCode : 19  
 GSTIN : 19AABCN8514G1ZE  
 PAN : AABCN8514G

Sr. No.	Item Code	Description	Unit	HSN / SAC	Ref.No	Quantity	Price / Unit	Dis %	Dis. Amt.	Amount
1		To Conduct Performance Test on PCD			1322000135					25,000.00
										CGST @ 9.00 % 2,250.00
										SGST @ 9.00 % 2,250.00

Above service line contains below services :-

3001186	PERFORMANCE TESTING OF POLLUTION CONTROL TO CONDUCT PERFORMANCE TEST ON POLLUTION CONTROL SYSTEMS INSTALLED IN PLANT. AS PER SPECIFIC COND. NO. IX OF OUR EC DATED 02.06.2022. 4 Set Sample Contains 2 Nos. Samples each)	NOS	0			4,000	5,000.00			20,000.00
3001166	SAMPLING AND SITE ALLOWANCES COST TRANSPORTATION CHARGES	NOS	0			2,000	2,500.00			5,000.00

In words : Rupees Twenty Five Thousand only

Val.Excl.Tax 25,000.00

In words : Rupees Twenty Nine Thousand Five Hundred only

Order Value 29,500.00

## Terms &amp; Conditions :-

## General Conditions

1. During the execution of the contract your rates will remain firm and fixed and no escalation will be entertained by NML.
2. The work is being awarded to you with understanding that you are fully aware with the local site situation.
3. You have to ensure your own arrangement for security for your materials.
4. You have to maintain the quality of work.
5. You are liable to follow all necessary acts e.g. Factory Acts, Labour Acts etc.
6. Take care about your labours safety and also follow all safety rules.
7. You have to provide all safety equipments to your workmen.
8. Safety of the workers engaged in the job is in your responsibility and the company shall not be responsible for any type of compensation to your workers. You have to provide adequate personal protective equipments like helmet, safety shoe, safety goggles, hand gloves etc. as per safety requirement.
9. All employees engaged in the site must be cover ESI registration/under insurance coverage and the certificate of that to be submitted before execution of work.
10. EPF scheme shall be applicable as per rule.

Rajeswari Nair

Prepared By

  
 Approved By

NOTE : Please mention order number, Unit of Measurement (UOM), HSN/SAC and A/C head in challan/invoice for faster payment.  
 Your general conditions of sale/services are not applicable to us.  
 Your GST registration number should be quoted in your challan/invoice.  
 Material/Services will be accepted only against submission of copy of Tax invoice.

SPEED POST

Annexure: VIII



NOCN0171997

## WEST BENGAL POLLUTION CONTROL BOARD

Paribesh Bhawan  
10A, Block - LA, Sector III, Bidhannagar  
Kolkata - 700 106

Memo No. 393 - 2N-566/2003-PART-I

Dated 25.07.2022

From :  
Member Secretary,  
West Bengal Pollution Control Board

To: M/s. Neo Metaliks Limited,  
Park Plaza, 71, Park Street, North Block, Kolkata- 700 016, W.B.

Sub: Consent to Establish (NOC) from Environmental Point of View

Ref: 1) Your letter No. Nil Dated -  
ii) EC Identification No. EC22A008WB167040, File No. J-11011/779/2007-  
IA.II(I) dated 02.06.2022, issued by MoEF&CC, GOI.

Dear Sirs,

In response to the application for Consent to Establish (NOC) for proposed Unit of M/s Neo Metaliks Limited  
proposed expansion and upgradation of Pig Iron Manufacturing Plant  
to a 0.4 MTPA and inclusion of Steel Melting Shop (for details see  
Annexure)  
at Gopalpur, Dist.-Paschim Bardhaman, West Bengal.

this is to inform you that this Board hereby grants the Consent to Establish (NOC) from the environmental point  
of the above subject to the following conditions and special conditions annexed.

1. The quality of sewage and trade effluent to be discharged from your factory shall satisfy the permissible limits as prescribed in IS : 2490 (Pt. I) of 1974, and/or its subsequent amendment and Environment (Protection) Rules 1986.
2. Suitable measures to treat your effluent shall be adopted by you in order to reduce the pollutional load so that the quality of the effluent satisfies the standards mentioned above.
3. You shall have to apply to this Board for its consent to operate and discharge of sewage and trade effluent according to the provisions of the water (Prevention & Control of Pollution) Act, 1974. No sewage or trade effluent shall be discharged by you without prior consent of this Board.
4. All emission from your factory shall conform to the standards as laid down by this Board.
5. No emission shall be permitted without prior approval of this Board and you shall apply to this Board for its consent to operate and atmospheric emission as per provision of the Air (Prevention & Control Pollution) act, 1981.
6. No industrial plant, furnace, flues, chimneys, control equipment, etc. shall be constructed/reconstructed/erected/re-erected without prior approval of this Board.

*M. B. B. B.*  
22/07/2022  
Chief Engineer  
W. B. Pollution Control Board  
Dept. of Environment, Govt. of W.B.





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: 06<sup>th</sup> 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,  
Dongcheng District,  
Beijing 100027, China

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



Dear Sirs,

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



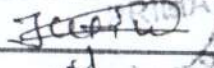



## TEST/ CALIBRATION CERTIFICATE

<b>DOC.REF.NO.:</b>	PE/SR/FM/05	<b>REV:</b>	01/WEF: 01-09-2018
<b>CERTIFICATE NO.:</b>	PE/2K22-12/317	<b>DATED:</b>	06.12.2022
<b>CUSTOMER NAME:</b>	M/S. NEO METALIKS LIMITED		
<b>ADDRESS:</b>	Village: Gopalpur, Via. Durgapur, Dist. Burdwan, Durgapur, West Bengal-713212		
<b>CUSTOMER PO NO.:</b>	W122D26-001	<b>DATED:</b>	26.12.2022
<b>INSTALLATION LOCATION:</b>	STACK-1-SINTER (Head ESP)	<b>DATE OF INSTALLATION:</b>	30.01.2018
<b>ACCURACY:</b>	± 2% AT CONSTANT TEMPERATURE	<b>OPERATING TEMPRATURE:</b>	0 – 50°C
<b>INST. SERIAL NO.:</b>	1801011	<b>MODEL:</b>	PE-SPMMS-C91
<b>SR. NO.</b>	<b>DESCRIPTION OF TEST/ EVALUATION</b>	<b>CRITERIA</b>	<b>RESULT</b>
1.	PM/DUST Range: 0 - 1000 mg/Nm <sup>3</sup> , Resolution: 1 mg/Nm <sup>3</sup>	Tested	OK
2.	Graphical Display / Indicator	Working	OK
3.	Actuator Switch	Functioning	OK
4.	TP-1 Output (In disconnected state of sensor)	0.0000	OK
5.	PE-1 Output (In disconnected state of sensor)	0.0000	OK
6.	PE-2 Output (In disconnected state of sensor)	0.0000	OK
7.	BS Output (In disconnected state of sensor)	12 mV	OK
8.	TP-2 Output (In disconnected state of sensor)	-25 mV	OK
9.	TP-4 Output (In disconnected state of sensor)	-20 mV	OK
10.	TP-5 Output (In disconnected state of sensor)	-10 mV	OK
11.	TP-7 Output (In disconnected state of sensor)	-125 mV	OK
12.	Mother card's output (When Load cell connected)	8 V	OK
13.	4-20mA output on Zero input	4 mA	OK
14.	4-20 mA Card Output on Full Scale Input (When Load Cell Connected)	20 mA	OK
15.	RS485 Modbus RTU output	Functioning	OK
16.	Full Scale Display of panel (when Load Cell Connected)	Functioning	OK
17.	Overall Test	Functioning	OK
<b>Date of Calibration</b>	06.12.2022	<b>Due Date</b>	05.06.2023
<b>Tested By</b>		<b>Test Date</b>	06.12.2022
<b>Authorized By</b>		<b>Date</b>	06.12.2022

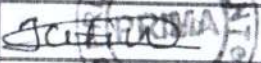



## TEST/ CALIBRATION CERTIFICATE

<b>DOC.REF.NO.:</b>	PE/SR/FM/05	<b>REV:</b>	01/WEF: 01-09-2018
<b>CERTIFICATE NO.:</b>	PE/2K22-12/318	<b>DATED:</b>	06.12.2022
<b>CUSTOMER NAME:</b>	M/S. NEO METALIKS LIMITED		
<b>ADDRESS:</b>	Village: Gopalpur, Via. Durgapur, Dist. Burdwan, Durgapur, West Bengal-713212		
<b>CUSTOMER PO NO.:</b>	W122D26-002	<b>DATED:</b>	26.12.2022
<b>INSTALLATION LOCATION:</b>	STACK-3_CPP-Boiler	<b>DATE OF INSTALLATION:</b>	04.08.2018
<b>ACCURACY:</b>	± 2% AT CONSTANT TEMPERATURE	<b>OPERATING TEMPRATURE:</b>	0 – 50°C
<b>INST. SERIAL NO.:</b>	1807028	<b>MODEL:</b>	PE-SPMMS-C91
SR. NO.	DESCRIPTION OF TEST/ EVALUATION	CRITERIA	RESULT
1.	PM/DUST Range: 0 - 1000 mg/Nm <sup>3</sup> , Resolution: 1 mg/Nm <sup>3</sup>	Tested	OK
2.	Graphical Display / Indicator	Working	OK
3.	Actuator Switch	Functioning	OK
4.	TP-1 Output (In disconnected state of sensor)	0.0000	OK
5.	PE-1 Output (In disconnected state of sensor)	0.0000	OK
6.	PE-2 Output (In disconnected state of sensor)	0.0000	OK
7.	BS Output (In disconnected state of sensor)	12 mV	OK
8.	TP-2 Output (In disconnected state of sensor)	-25 mV	OK
9.	TP-4 Output (In disconnected state of sensor)	-20 mV	OK
10.	TP-5 Output (In disconnected state of sensor)	-10 mV	OK
11.	TP-7 Output (In disconnected state of sensor)	-125 mV	OK
12.	Mother card's output (When Load cell connected)	8 V	OK
13.	4-20mA output on Zero input	4 mA	OK
14.	4-20 mA Card Output on Full Scale Input (When Load Cell Connected)	20 mA	OK
15.	RS485 Modbus RTU output	Functioning	OK
16.	Full Scale Display of panel (when Load Cell Connected)	Functioning	OK
17.	Overall Test	Functioning	OK
<b>Date of Calibration</b>	06.12.2022	<b>Due Date</b>	05.06.2023
<b>Tested By</b>		<b>Test Date</b>	06.12.2022
<b>Authorized By</b>		<b>Date</b>	06.12.2022



## TEST/ CALIBRATION CERTIFICATE

<b>DOC.REF.NO.</b>	PE/SR/FM/05	<b>REV:</b>	01/WEF: 01-09-2018
<b>CERTIFICATE NO.:</b>	PE/2K22-12/319	<b>DATED:</b>	06.12.2022
<b>CUSTOMER NAME:</b>	M/S. NEO METALIKS LIMITED		
<b>ADDRESS:</b>	Village: Gopalpur, Via. Durgapur, Dist. Burdwan, Durgapur, West Bengal-713212		
<b>CUSTOMER PO NO.:</b>	W122D26-001	<b>DATED:</b>	26.12.2022
<b>INSTALLATION LOCATION:</b>	STACK-4-SINTER (For Tail ESP)	<b>DATE OF INSTALLATION:</b>	10.09.2018
<b>ACCURACY:</b>	± 2% AT CONSTANT TEMPERATURE	<b>OPERATING TEMPRATURE:</b>	0 – 50°C
<b>INST. SERIAL NO.:</b>	1808038	<b>MODEL:</b>	PE-SPMMS-C91
<b>SR. NO.</b>	<b>DESCRIPTION OF TEST/ EVALUATION</b>	<b>CRITERIA</b>	<b>RESULT</b>
1.	PM/DUST Range: 0 - 1000 mg/Nm <sup>3</sup> , Resolution: 1 mg/Nm <sup>3</sup>	Tested	OK
2.	Graphical Display / Indicator	Working	OK
3.	Actuator Switch	Functioning	OK
4.	TP-1 Output (In disconnected state of sensor)	0.0000	OK
5.	PE-1 Output (In disconnected state of sensor)	0.0000	OK
6.	PE-2 Output (In disconnected state of sensor)	0.0000	OK
7.	BS Output (In disconnected state of sensor)	12 mV	OK
8.	TP-2 Output (In disconnected state of sensor)	-25 mV	OK
9.	TP-4 Output (In disconnected state of sensor)	-20 mV	OK
10.	TP-5 Output (In disconnected state of sensor)	-10 mV	OK
11.	TP-7 Output (In disconnected state of sensor)	-125 mV	OK
12.	Mother card's output (When Load cell connected)	8 V	OK
13.	4-20mA output on Zero input	4 mA	OK
14.	4-20 mA Card Output on Full Scale Input (When Load Cell Connected)	20 mA	OK
15.	RS485 Modbus RTU output	Functioning	OK
16.	Full Scale Display of panel (when Load Cell Connected)	Functioning	OK
17.	Overall Test	Functioning	OK
<b>Date of Calibration</b>	06.12.2022	<b>Due Date</b>	05.06.2023
<b>Tested By</b>		<b>Test Date</b>	06.12.2022
<b>Authorized By</b>		<b>Date</b>	06.12.2022



# Qualissure Laboratory Services

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Annexure: XI



TC-6271

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

## TEST REPORT

<b>Name &amp; Address Of the Customer :</b>	<b>Report No.</b> : QLS/A/22-23/C/689
M/s. Neo Metaliks Ltd.	<b>Date</b> : 02.12.2022
Vill + P.O. : Gopalpur	<b>Sample No.</b> : QLS/A/22-23/689
P.S. : Kanksa, Durgapur	<b>Sample Description</b> : Stack Flue Gas
Paschim Bardhaman	<b>Date of Performance(s)</b> : 24.11-29.11.2022
West Bengal – 713 212	<b>Sample Mark</b> : Sinter Plant (Head ESP)
	<b>Ref No. Date</b> : W122505-006, Dated: 05.05.2022

### Analysis Result

Date & Time of Sampling : 18.11.2022 at 11.30 A.M		Sampling Procedures : EPA/IS	
Sampling done by : S.Ghosh			
<b>A : General Information of Stack:</b>			
1	Stack connected to	: Sinter Plant (Head ESP)	
2	Emission due to	: Combustion BF Gas	
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>B : Physical Characteristic of Stack:</b>			
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	Area of Stack	: 3.8029 m <sup>2</sup>	
<b>C : Analysis/Characteristic of Stack :</b>			
1	Fuel used : BF Gas	2. Fuel consumption : 3500 Nm <sup>3</sup> /hr	
<b>D : Results of Sampling &amp; Analysis of gaseous Emission :</b>		<b>Result</b>	<b>Method</b>
1	Temperature of emission (°C)	: 131	EPA Part 2
2	Barometric pressure (mm of Hg)	: 755	EPA Part 2
3	Velocity of gas (m/sec)	: 9.64	EPA Part 2
4	Quantity of gas flow (Nm <sup>3</sup> /hr)	: 96673	EPA Part 2
5	Concentration of Carbon monoxide (%)	: <0.2	IS:13270-1992, Reaf : 2017
6	Concentration of Carbon dioxide (%)	: 5.2	IS:13270-1992, Reaf : 2017
7	Concentration of Sulphur dioxide (mg/Nm <sup>3</sup> )	: 67.8	EPA Part-6
8	Concentration of Oxides of Nitrogen (mg/Nm <sup>3</sup> )	: 33.7	EPA Part-7
9	Concentration of Particulate Matters (mg/Nm <sup>3</sup> )	: 39	EPA Part 5
<b>E : Pollution :</b>			
Details of pollution control devices attached with the stack		: ESP	
<b>F : Remarks : Nil</b>			

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Reviewed & Authorized By

(Authorized Signatory)





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TC-6271

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

## TEST REPORT

<b>Name &amp; Address Of the Customer :</b>	<b>Report No</b>	QLS/A/22-23/C/690
M/s Neo Metaliks Ltd.	<b>Date</b>	02.12.2022
Vill + P.O. : Gopalpur	<b>Sample No.</b>	QLS/A/22-23/690
P.S. : Kanksa, Durgapur	<b>Sample Description</b>	Stack Flue Gas
Paschim Bardhaman	<b>Date of Performance(s)</b>	24.11-29.11.2022
West Bengal - 713 212	<b>Sample Mark</b>	Vertical Roller Mill through Bag Filter
	<b>Ref No. Date</b>	W122505-006, Dated: 05.05.2022

### Analysis Result

Date & Time of Sampling : 18.11.2022 at 03.30 P.M.

Sampling done by : S.Ghosh

Sampling Procedures : EPA/IS

#### A : General Information of Stack:

1. Stack connected to	: Vertical Roller Mill through Bag Filter
2. Emission due to	: De-Moisturing 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	: Yes
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 m <sup>2</sup>

#### C : Analysis/Characteristic of Stack :

1. Fuel used : BF Gas	2. Fuel consumption : 750 Nm <sup>3</sup> /hr
-----------------------	---

#### D : Results of Sampling & Analysis of gaseous Emission :

	Result	Method
1. Temperature of emission (°C)	: 78	EPA Part 2
2. Barometric pressure (mm of Hg)	: 755	EPA Part 2
3. Velocity of gas (m/sec)	: 16.81	EPA Part 2
4. Quantity of gas flow (Nm <sup>3</sup> /hr)	: 27011	EPA Part 2
5. Concentration of Carbon monoxide (%)	: <0.2	IS:13270-1992, Reaf : 2017
6. Concentration of Carbon dioxide (%)	: <0.2	IS:13270-1992, Reaf : 2017
7. Concentration of Sulphur dioxide (mg/Nm <sup>3</sup> )	: <3.4	EPA Part-6
8. Concentration of Oxides of Nitrogen (mg/Nm <sup>3</sup> )	: 16.8	EPA Part-7
9. Concentration of Particulate Matters (mg/Nm <sup>3</sup> )	: 31	EPA Part 5

#### E : Pollution :

Details of pollution control devices attached with the stack : Bag Filter

#### F : Remarks : Nil

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# Qualissure Laboratory Services

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TC-6271

DOC NO : QLS/SAMP/08-B/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. : QLS/A/22-23/C/691  
Date : 02.12.2022  
Sample No. : QLS/A/22-23/691  
Sample Description : Stack Flue Gas  
Date of Performance : 24.11-29.11.2022  
Sample Mark : Sinter Plant (Tail ESP)  
Ref No. Date : W122505-006, Dated: 05.05.2022

### Analysis Result

Date & Time of Sampling : 18.11.2022 at 02.10 P.M

Sampling done by : S.Ghosh

Sampling Procedures : EPA/IS

### A. General 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 platform : Yes
6. Generation Capacity : ---

### B. Physical Characteristic of Stack:

1. Height of Stack from ground level : 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 level : 35.0 m
5. Area of Stack : 3.1429 m<sup>2</sup>

### C. Analysis/Characteristic of Stack :

1. Fuel used : ---
2. Fuel consumption : ---

### D. Results of Sampling & Analysis of gaseous Emission :

	Result	Method
1. Temperature of emission (°C)	: 75	EPA Part 2
2. Barometric pressure (mm of Hg)	: 755	EPA Part 2
3. Velocity of gas (m/sec)	: 11.24	EPA Part 2
4. Quantity of gas flow (Nm <sup>3</sup> /hr)	: 108131	EPA Part 2
5. Concentration of Carbon monoxide (%)	: <0.2	IS:13270-1992, Reaf : 2017
6. Concentration of Carbon dioxide (%)	: 0.4	IS:13270-1992, Reaf : 2017
7. Concentration of Sulphur dioxide (mg/Nm <sup>3</sup> )	: 24.1	EPA Part-6
8. Concentration of Oxides of Nitrogen (mg/Nm <sup>3</sup> )	: 26.4	EPA Part-7
9. Concentration of Particulate Matters (mg/Nm <sup>3</sup> )	: 52	EPA Part 5

### E. Pollution :

Details of pollution control devices attached with the stack : ESP

### F. Remarks : Nil

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## TEST REPORT

### Name & Address Of the Customer

M/s. Neo Metaliks Ltd

VIII - P.O. - Goolabpur

P.S. - Kanksa Durgapur

Paschim Bardhaman

West Bengal - 713 212

Report No

QLS/A/22-23/1/692

Date

02-11-2022

Sample No

QLS/A/22-23/692

Sample Description

Stack Flue Gas

Date of Performance(s)

24-11-20-11-2022

Sample Mark

CPP

Ref No. Date

W122505-006, Dated: 05-05-2022

### Analysis Result

Date & Time of Sampling: 19-11-2022 at 11:00 P.M.

Sampling done by: S. Ghosh

Sampling Procedures: EPA/IS

#### A: General Information of Stack:

1. Stack connected to
2. Emission due to
3. Material of construction of Stack
4. Shape of Stack
5. Whether stack is provided with permanent platform
6. Generation Capacity

- : CPP
- : Combustion FO & BF Gas
- : MS
- : Circular
- : Yes
- : 4.5 MW

#### 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

- : 50.0 m
- : -
- : 1.4 m
- : 31.0 m
- : 1.54m<sup>2</sup>

#### C: Analysis/Characteristic of Stack:

1. Fuel used: BF Gas & Furnace Oil

2. Fuel consumption: BF Gas- 24000 Nm<sup>3</sup>/hr

#### D: Results of Sampling & Analysis of gaseous Emission:

1. Temperature of emission (°C)
2. Barometric pressure (mm of Hg)
3. Velocity of gas (m/sec)
4. Quantity of gas flow (Nm<sup>3</sup>/hr)
5. Concentration of Carbon monoxide (%)
6. Concentration of Carbon dioxide (%)
7. Concentration of Sulphur dioxide (mg/Nm<sup>3</sup>)
8. Concentration of Oxides of Nitrogen (mg/Nm<sup>3</sup>)
9. Concentration of Particulate Matters (mg/Nm<sup>3</sup>)

Result	Method
: 133	EPA Part 2
: 755	EPA Part 2
: 11.23	EPA Part 2
: 45381	EPA Part 2
: <0.2	IS:13270-1992, Reaf: 2017
: 7.6	IS:13270-1992, Reaf: 2017
: 11.8	EPA Part-6
: 35.3	EPA Part-7
: 6	EPA Part-5

#### E: Pollution:

Details of pollution control devices attached with the stack: NIL

#### F: Remarks: Nil

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TC-6271

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

## TEST REPORT

<b>Name &amp; Address Of the Customer :</b>	<b>Report No.</b>	: QLS/A/22-23/C/693
M/s. Neo Metaliks Ltd.	<b>Date</b>	: 02.12.2022
Vill + P.O. : Gopalpur	<b>Sample No.</b>	: QLS/A/22-23/693
P.S. : Kanksa, Durgapur	<b>Sample Description</b>	: Stack Flue Gas
Paschim Bardhaman	<b>Date of Performance(s)</b>	: 24.11-29.11.2022
West Bengal – 713 212	<b>Ref No. Date</b>	: W122505-006, Dated: 05.05.2022

### Analysis Result

<b>Date &amp; Time of Sampling :</b> 19.11.2022 at 12.30 P.M	<b>Sampling Procedures :</b> EPA/IS
<b>Sampling done by :</b> S.Ghosh	
<b>A : General Information of Stack:</b>	
1 Stack connected to	: MBF Plant (Blast Furnace)
2 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>B : Physical Characteristic of Stack:</b>	
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
5 Area of Stack	: 4.1204 m <sup>2</sup>
<b>C : Analysis/Characteristic of Stack :</b>	
1 Fuel used : BF Gas & Coke	2. Fuel consumption : 40000 m <sup>3</sup> /hr. / Store Coke 600 Kgs./hr.
<b>D : Results of Sampling &amp; Analysis of gaseous Emission :</b>	<b>Result</b> <b>Method</b>
1 Temperature of emission (°C)	: 160 EPA Part 2
2 Barometric pressure (mm of Hg)	: 754 EPA Part 2
3 Velocity of gas (m/sec)	: 9.49 EPA Part 2
4 Quantity of gas flow (Nm <sup>3</sup> /hr)	: 96230 EPA Part 2
5 Concentration of Carbon monoxide (%)	: <0.2 IS:13270-1992, Reaf : 2017
6 Concentration of Carbon dioxide (%)	: 6.6 IS:13270-1992, Reaf : 2017
7 Concentration of Sulphur dioxide (mg/Nm <sup>3</sup> )	: 5.1 EPA Part-6
8 Concentration of Oxides of Nitrogen (mg/Nm <sup>3</sup> )	: 24.2 EPA Part-7
9 Concentration of Particulate Matters (mg/Nm <sup>3</sup> )	: 23 EPA Part 5
<b>E : Pollution :</b>	
Details of pollution control devices attached with the stack	: Cyclone Separator, Saturator & Ventury scrubber
<b>F : Remarks :</b> Nil	

for Qualissure Laboratory Services  
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*[Signature]*

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DOC NO: QLS/SAMP/08-B/10

## 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. : QLS/A/22-23/C/694  
Date : 02.12.2022  
Sample No. : QLS/A/22-23/694  
Sample Description : Stack Flue Gas  
Date of Performance(s) : 24.11-29.11.2022  
Ref No. Date : W122505-006, Dated 05.05.2022

## Analysis Result

Date & Time of Sampling : 19.11.2022 at 03:00 P.M.  
Sampling done by : S. Ghosh

Sampling Procedures : EPA/IS

### 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
5 Whether stack is provided with permanent platform	: Yes
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
5 Area of Stack	: 0.0491 m <sup>2</sup>

### 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)	: 233	EPA Part 2	---
2 Barometric pressure (mm of Hg)	: 755	EPA Part 2	---
3 Velocity of gas (m/sec)	: 12.50	EPA Part 2	---
4 Quantity of gas flow (Nm <sup>3</sup> /hr)	: 1294	EPA Part 2	---
5 Concentration of Carbon monoxide (mg/Nm <sup>3</sup> )	: 73.9 at 15% O <sub>2</sub>	IS:13270-1992, Reaf : 2017	150
6 Concentration of Carbon dioxide (%v/v)	: 5.0	IS:13270-1992, Reaf : 2017	---
7 Concentration of Sulphur dioxide (mg/Nm <sup>3</sup> )	: <3.4	EPA Part-6	710
8 Concentration of Oxides of Nitrogen (ppm)	: 9.8 at 15% O <sub>2</sub>	EPA Part-7	100
9 Concentration of Particulate Matters (mg/Nm <sup>3</sup> )	: 34.0 at 15% O <sub>2</sub>	EPA Part 5	75

### E : Pollution :

Details of pollution control devices attached with the stack : NIL

### F : Remarks : Nil

for Qualissure Laboratory Services  
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6271

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

## TEST REPORT

<b>Name &amp; Address Of the Customer :</b>	<b>Report No. :</b>
M/s. Neo Metaliks Ltd.	QLS/A/22-23/C/695
Vill + P.O. : Gopalpur	<b>Date :</b>
P.S. : Kanksa, Durgapur	02.12.2022
Paschim Bardhaman	<b>Sample No. :</b>
West Bengal – 713 212	QLS/A/22-23/695
	<b>Sample Description :</b>
	Stack Flue Gas
	<b>Date of Performance(s) :</b>
	24.11-29.11.2022
	<b>Ref No. Date :</b>
	W122505-06, Dated: 05.05.2022

## Analysis Result

<b>Date &amp; Time of Sampling :</b>	18.11.2022 at 01.45 P.M	<b>Sampling Procedures :</b>	EPA/IS
<b>Sampling done by :</b>	S.Ghosh		
<b>A : General Information of Stack:</b>			
1 Stack connected to	: DG Set-1500 kVA		
2 Emission due to	: Combustion of HSD		
3 Material of construction of Stack	: MS		
4 Shape of Stack	: Circular		
5 Whether stack is provided with permanent platform	: Yes		
6 Generation Capacity	: 1500 kVA		
<b>B : Physical Characteristic of Stack:</b>			
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	: 0.0491m <sup>2</sup>		
<b>C : Analysis/Characteristic of Stack :</b>			
1 Fuel used : HSD	2. Fuel consumption : 276 lit/hr		
<b>D : Results of Sampling &amp; Analysis of gaseous Emission :</b>	<b>Result</b>	<b>Method</b>	<b>LIMIT</b>
1 Temperature of emission (°C)	: 241	EPA Part 2	---
2 Barometric pressure (mm of Hg)	: 755	EPA Part 2	---
3 Velocity of gas (m/sec)	: 12.78	EPA Part 2	---
4 Quantity of gas flow (Nm <sup>3</sup> /hr)	: 1302	EPA Part 2	---
5 Concentration of Carbon monoxide (mg/Nm <sup>3</sup> )	: 89.3 at 15% O <sub>2</sub>	IS:13270-1992, Reaf : 2017	150
6 Concentration of Carbon dioxide (%v/v)	: 5.0	IS:13270-1992, Reaf : 2017	---
7 Concentration of Sulphur dioxide (mg/Nm <sup>3</sup> )	: 5.4	EPA Part-6	710
8 Concentration of Oxides of Nitrogen (ppm)	: 11.2 at 15% O <sub>2</sub>	EPA Part-7	100
9 Concentration of Particulate Matters (mg/Nm <sup>3</sup> )	: 30 at 15% O <sub>2</sub>	EPA Part 5	75
<b>E : Pollution :</b>			
Details of pollution control devices attached with the stack	: Nil		
<b>F : Remarks :</b>	Nil		

for Qualissure Laboratory Services  
Reviewed & Authorized By

(Authorized Signatory)





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TC-6271

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

## TEST REPORT

<b>Name &amp; Address Of the Customer :</b>	<b>Report No.</b>	: QLS/A/22-23/C/1067
M/s. Neo Metaliks Ltd	<b>Date</b>	: 29.03.2023
Vill + P.O. Gopalpur	<b>Sample No.</b>	: QLS/A/22-23/1067
P.S. Kanksa Durgapur	<b>Sample Description</b>	: Stack Flue Gas
Paschim Bardhaman	<b>Date of Performance(s)</b>	: 23.03.2023-29.03.2023
West Bengal - 713 212	<b>Sample Mark</b>	: CPP
	<b>Ref No. Date</b>	: W122505-006, Dated: 05.05.2022

### Analysis Result

Date & Time of Sampling: 22.03.2023 at 02.20 P.M

Sampling done by: C. Sahoo

Sampling Procedures: EPA/IS

#### A : General Information of Stack:

1. Stack connected to	: CPP
2. Emission due to	: Combustion FO & BF Gas
3. Material of construction of Stack	: MS
4. Shape of Stack	: Circular
5. Whether stack is provided with permanent platform	: 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	: 1.54m <sup>2</sup>

#### C : Analysis/Characteristic of Stack :

1. Fuel used: BF Gas & Furnace Oil	2. Fuel consumption: BF Gas- 24000 Nm <sup>3</sup> /hr
------------------------------------	--

#### D : Results of Sampling & Analysis of gaseous Emission :

	Result	Method
1. Temperature of emission (°C)	: 138	EPA Part 2
2. Barometric pressure (mm of Hg)	: 757	EPA Part 2
3. Velocity of gas (m/sec)	: 9.80	EPA Part 2
4. Quantity of gas flow (Nm <sup>3</sup> /hr)	: 39223	EPA Part 2
5. Concentration of Carbon monoxide (%)	: <0.2	IS:13270-1992, Reaf: 2017
6. Concentration of Carbon dioxide (%)	: 6.8	IS:13270-1992, Reaf: 2017
7. Concentration of Sulphur dioxide (mg/Nm <sup>3</sup> )	: 16.2	EPA Part 6
8. Concentration of Oxides of Nitrogen (mg/Nm <sup>3</sup> )	: 31.1	EPA Part 7
9. Concentration of Particulate Matters (mg/Nm <sup>3</sup> )	: 10	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

(Benimadhab Goral, Chemist)  
(Authorized Signatory)

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



# Qualissure Laboratory Services

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Email: qualissure@gmail.com, info@qualissure.com Mob.No: 9811283036, 9810660372



ISO 15189:2013 CERTIFIED

## 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. QWS/6/22/23/13968  
Date 21.03.2023  
Sample No. QWS/6/22/23/13968  
Sample Description Stack Emission Gas  
Date of Performance(s) 21.03.2023, 21.03.2023  
Ref No. Date W1225053006, Dated 30.06.2022

### Analysis Result

Date & Time of Sampling : 21.03.2023 at 01.10 P.M  
Sampling done by : C Sahoo

Sampling Procedures : EPA/15

#### A : General Information of Stack:

1. Stack connected to
2. Emission due to
3. Material of construction of Stack
4. Shape of Stack
5. Whether stack is provided with permanent platform
6. Generation Capacity

MHI Plant (Blast Furnace)  
Combustion Bl. Gas & Coke  
MS  
Circular  
Yes

#### 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
4. Height of the sampling point from ground level 26.82 m
5. Area of Stack 4.1204 m<sup>2</sup>

#### C : Analysis/Characteristic of Stack :

1. Fuel used : BF Gas & Coke
2. Fuel consumption : 40000 m<sup>3</sup>/hr / Store Coke 600 kgs/hr

#### D : Results of Sampling & Analysis of gaseous Emission :

	Result	Method
1. Temperature of emission (°C)	172	EPA Part 2
2. Barometric pressure (mm of Hg)	757	EPA Part 2
3. Velocity of gas (m/sec)	10.56	EPA Part 2
4. Quantity of gas flow (Nm <sup>3</sup> /hr)	104433	EPA Part 2
5. Concentration of Carbon monoxide (%)	<0.2	IS 13270:1992 Reaf. 2017
6. Concentration of Carbon dioxide (%)	1.2	IS 13270:1992 Reaf. 2017
7. Concentration of Sulphur dioxide (mg/Nm <sup>3</sup> )	12.8	EPA Part 6
8. Concentration of Oxides of Nitrogen (mg/Nm <sup>3</sup> )	36.6	EPA Part 5
9. Concentration of Particulate Matters (mg/Nm <sup>3</sup> )	29	EPA Part 5

#### E : Pollution :

Details of pollution control devices attached with the stack

Cyclone Separator, Saturator & Venturi scrubber

#### F : Remarks : Nil

Report Prepared by : (Signature)

for Qualissure Laboratory Services  
Reviewed & Authorized By

(Benimadhab Gorai, Uthman)  
(Authorized Signatory)

End of the Report





# Qualissure Laboratory Services

801, Pratibha Pally, 15, 461, Block, Dutt Road, Kolkata-700017  
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TC-6271

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

## TEST REPORT

<b>Name &amp; Address Of the Customer :</b>	Report No.	QLS/A/22-23/C/1069
M/s. Neo Metaliks Ltd.	Date	29.03.2023
Vill + P.O. Gopalpur	Sample No.	QLS/A/22-23/1069
P.S. Kanksa Durgapur	Sample Description	Stack Flue Gas
Paschim Bardhaman	Date of Performance(s)	23.03.2023, 29.03.2023
West Bengal - 713 212	Sample Mark	Vertical Roller Mill through Bag Filter
	Ref No. Date	W122505-006, Dated, 05.05.2022

### Analysis Result

Date & Time of Sampling : 21.03.2023 at 03.30 P.M.

Sampling done by : C.Sahoo

Sampling Procedures : EPA/IS

#### A : General Information of Stack:

1. Stack connected to : Vertical Roller Mill through Bag Filter
2. Emission due to : De-Moisturing 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 : Yes
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 m<sup>2</sup>

#### C : Analysis/Characteristic of Stack :

1. Fuel used : BF Gas
2. Fuel consumption : 750 Nm<sup>3</sup>/hr

#### D : Results of Sampling & Analysis of gaseous Emission :

	Result	Method
1. Temperature of emission (°C)	: 77	EPA Part 2
2. Barometric pressure (mm of Hg)	: 757	EPA Part 2
3. Velocity of gas (m/sec)	: 14.85	EPA Part 2
4. Quantity of gas flow (Nm <sup>3</sup> /hr)	: 23994	EPA Part 2
5. Concentration of Carbon monoxide (%)	: <0.2	IS:13270-1992, Reaf: 2017
6. Concentration of Carbon dioxide (%)	: 4.4	IS:13270-1992, Reaf: 2017
7. Concentration of Sulphur dioxide (mg/Nm <sup>3</sup> )	: <3.4	EPA Part 6
8. Concentration of Oxides of Nitrogen (mg/Nm <sup>3</sup> )	: 17.5	EPA Part 7
9. Concentration of Particulate Matters (mg/Nm <sup>3</sup> )	: 23	EPA Part 5

#### E : Pollution :

Details of pollution control devices attached with the stack : Bag Filter

#### F : Remarks : Nil

Report Prepared by : *(Signature)*

for Qualissure Laboratory Services  
Reviewed & Authorized By

(Benimadhab Gorai, Chemist)  
(Authorized Signatory)

--- End of the Report ---



# Qualissure Laboratory Services

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TC-6271

DOC NO: QLS/SAMP/08-B/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. : QLS/A/22 23/C/1070  
Date : 29.03.2023  
Sample No. : QLS/A/22 23/1070  
Sample Description : Stack Flue Gas  
Date of Performance(s) : 23.09.2023-29.03.2023  
Ref No. Date : W122505-06, Dated: 05.05.2022

## Analysis Result

Date & Time of Sampling : 22.03.2023 at 11.10 A.M

Sampling done by : C.Sahoo

Sampling Procedures : EPA/IS

### A : General Information of Stack:

- |   |   |                     |
|---|---|---------------------|
| 1 | Stack connected to                                | : DG Set-1500 kVA   |
| 2 | Emission due to                                   | : Combustion of HSD |
| 3 | Material of construction of Stack                 | : MS                |
| 4 | Shape of Stack                                    | : Circular          |
| 5 | Whether stack is provided with permanent platform | : Yes               |
| 6 | Generation Capacity                               | : 1500 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               |
| 5 | Area of Stack                                  | : 0.0491m <sup>2</sup> |

### C : Analysis/Characteristic of Stack :

- |   |                |                                  |
|---|----------------|----------------------------------|
| 1 | Fuel used :HSD | 2. Fuel consumption : 276 lit/hr |
|---|----------------|----------------------------------|

### D : Results of Sampling & Analysis of gaseous Emission :

D : Results of Sampling & Analysis of gaseous Emission :		Result	Method	LIMIT
1	Temperature of emission (°C)	: 235	EPA Part 2	---
2	Barometric pressure (mm of Hg)	: 757	EPA Part 2	---
3	Velocity of gas (m/sec)	: 15.18	EPA Part 2	---
4	Quantity of gas flow (Nm³/hr)	: 1569	EPA Part 2	---
5	Concentration of Carbon monoxide(mg/Nm³)	: 90.9 at 15% O₂	IS:13270-1992, Reaf : 2017	150
6	Concentration of Carbon dioxide(%v/v)	: 5.4	IS:13270-1992, Reaf : 2017	---
7	Concentration of Sulphur dioxide (mg/Nm³)	: <3.4	EPA Part-6	710
8	Concentration of Oxides of Nitrogen (ppm)	: 11 at 15% O₂	EPA Part-7	100
9	Concentration of Particulate Matters (mg/Nm³)	: 43 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 Goral, Chemist)  
(Authorized Signatory)

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





# Qualissure Laboratory Services

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TC-6271

DOC NO: QLS-SAMP-OR-B-00

## TEST REPORT

### Name & Address Of the Customer :

M. S. Neo Metals Ltd  
 Vill - P.O. - Gopalpur  
 P.S. - Kanksa - Durgapur  
 Paschim Bardhaman  
 West Bengal - 713 212

### Report No.

QLS/A/22-23/C/1071

### Date

19-03-2023

### Sample No.

QLS/A/22-23/1071

### Sample Description

Stack Flue Gas

### Date of Performance(s)

23-09-2023, 19-03-2023

### Ref No. Date

W122505-006 Dated: 05-05-2022

## Analysis Result

Date & Time of Sampling: 22-03-2023 at 12:20 P.M.

Sampling done by: C. Sahoo

Sampling Procedures: EPA-15

### A: General Information of Stack:

1. Stack connected to
2. Emission due to
3. Material of construction of Stack
4. Shape of Stack
5. Whether stack is provided with permanent platform
6. Generation Capacity

DG Set-1250 kVA  
 Combustion of HSD  
 MS  
 Circular  
 Yes  
 1250 kVA

### 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

30.0 m  
 -----  
 2.15 m  
 7.62 m  
 0.0491 m<sup>2</sup>

### C: Analysis/Characteristic of Stack:

1. Fuel used: HSD

2. Fuel consumption: 230 t/hr

### D: Results of Sampling & Analysis of gaseous Emission

1. Temperature of emission (°C)
2. Barometric pressure (mm of Hg)
3. Velocity of gas (m/sec)
4. Quantity of gas flow (Nm<sup>3</sup>/hr)
5. Concentration of Carbon monoxide (mg/Nm<sup>3</sup>)
6. Concentration of Carbon dioxide (%)
7. Concentration of Sulphur dioxide (mg/Nm<sup>3</sup>)
8. Concentration of Oxides of Nitrogen (ppm)
9. Concentration of Particulate Matters (mg/Nm<sup>3</sup>)

### Result

Result	Method	LIMIT
22.4	EPA Part 2	---
757	EPA Part 2	---
14.18	EPA Part 2	---
1499	EPA Part 2	---
71.6 at 15% O <sub>2</sub>	S 13270-1992 Rear 2017	150
4.8	S 13270-1992 Rear 2017	---
43.4	EPA Part 6	710
9 at 15% O <sub>2</sub>	EPA Part 7	100
31 at 15% O <sub>2</sub>	EPA Part 8	75

### E: Pollution:

Data of pollution control devices attached with the stack

N/A

### F: Remarks:

Report Prepared by: C. Sahoo

For Qualissure Laboratory Services

Reviewed & Authorized By

*Benimadhab Gorai*

Benimadhab Gorai, (Owner)

(Authorized Signatory)

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



# Qualissure Laboratory Services

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DOC NO: QLS/SAMP/08-B/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. : QLS/A/22-23/C/1072  
 Date : 29.03.2023  
 Sample No. : QLS/A/22-23/1072  
 Sample Description : Stack Flue Gas  
 Date of Performance : 23.03.2023-29.03.2023  
 Sample Mark : Sinter Plant (Tail ESP)  
 Ref.No. Date : W122505-006, Dated: 05.05.2022

### Analysis Result

Date & Time of Sampling : 20.03.2023 at 12.25 P.M.

Sampling done by : S.Ghosh

Sampling Procedures : EPA/IS

#### A : General 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 platform | : Yes                     |
| 6. Generation Capacity                               | : ---                     |

#### B : Physical Characteristic of Stack:

- |   |                         |
|---|-------------------------|
| 1. Height of Stack from ground level              | : 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 level | : 35.0 m                |
| 5. Area of Stack                                  | : 3.1429 m <sup>2</sup> |

#### C : Analysis/Characteristic of Stack :

- |                    |                           |
|--------------------|---------------------------|
| 1. Fuel used : --- | 2. Fuel consumption : --- |
|--------------------|---------------------------|

#### D : Results of Sampling & Analysis of gaseous Emission :

	Result	Method
1. Temperature of emission (°C)	: 82	EPA Part 2
2. Barometric pressure (mm of Hg)	: 756	EPA Part 2
3. Velocity of gas (m/sec)	: 9.21	EPA Part 2
4. Quantity of gas flow (Nm <sup>3</sup> /hr)	: 86978	EPA Part 2
5. Concentration of Carbon monoxide (%)	: <0.2	IS:13270-1992, Reaf : 2017
6. Concentration of Carbon dioxide (%)	: <0.2	IS:13270-1992, Reaf : 2017
7. Concentration of Sulphur dioxide (mg/Nm <sup>3</sup> )	: 11.2	EPA Part-6
8. Concentration of Oxides of Nitrogen (mg/Nm <sup>3</sup> )	: 31.9	EPA Part-7
9. Concentration of Particulate Matters (mg/Nm <sup>3</sup> )	: 62	EPA Part 5

#### E : Pollution :

Details of pollution control devices attached with the stack : ESP

#### F : Remarks : Nil

Report Prepared by : *(Signature)*

for Qualissure Laboratory Services

Reviewed & Authorized By

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

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





# Qualissure Laboratory Services

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TC-6271

DOC NO: QLS//SAMP/08-3/09

## 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. QLS/A/22-23/C/1073  
Date 29.03.2023  
Sample No. QLS/A/22-23/1073  
Sample Description: Stack Flue Gas  
Date of Performance(s) 23.03.2023, 29.03.2023  
Sample Mark: Sinter Plant (Head ESP)  
Ref No. Date: W122555-006, Dated: 23.03.2022

### Analysis Result

Date & Time of Sampling: 20.03.2023 at 11.30 A.M

Sampling done by: C. Sahoo

Sampling Procedures: EPA/15

### A : General Information of Stack:

- |  |                         |
|--|-------------------------|
| 1. Stack connected to                                | Sinter Plant (Head ESP) |
| 2. Emission due to                                   | Combustion BF Gas       |
| 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            | 2.2 m                 |
| 4. Height of the sampling point from ground level | 37.25 m               |
| 5. Area of Stack                                  | 3.8029 m <sup>2</sup> |

### C : Analysis/Characteristic of Stack :

- |                      |   |
|----------------------|---|
| 1. Fuel used: BF Gas | 2. Fuel consumption: 3500 Nm <sup>3</sup> /hr |
|----------------------|---|

### D : Results of Sampling & Analysis of gaseous Emission :

	Result	Method
1. Temperature of emission (°C)	153	EPA Part-2
2. Barometric pressure (mm of Hg)	756	EPA Part-2
3. Velocity of gas (m/sec)	10.17	EPA Part-2
4. Quantity of gas flow (Nm <sup>3</sup> /hr)	96854	EPA Part-2
5. Concentration of Carbon monoxide (%)	<0.2	IS 13270-1992, Reaf. 2017
6. Concentration of Carbon dioxide (%)	5.4	IS 13270-1992, Reaf. 2017
7. Concentration of Sulphur dioxide (mg/Nm <sup>3</sup> )	27.8	EPA Part-6
8. Concentration of Oxides of Nitrogen (mg/Nm <sup>3</sup> )	49.3	EPA Part-7
9. Concentration of Particulate Matters (mg/Nm <sup>3</sup> )	47	EPA Part-5

### E : Pollution :

Details of pollution control devices attached with the stack: ESP

### F : Remarks : Nil

Report Prepared by: (Signature)

for Qualissure Laboratory Services  
Reviewed & Authorized By:

(Signature)  
Benimadhab Gorai, Chemist  
(Authorized Signatory)

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

# Annexure- XII



10.02.21

## TEST REPORT

Name & Address Of the Customer

M/s. Qualissure Laboratory  
Karnataka, India  
P.O. Narasimha Channarayana  
Channarayana, Karnataka  
Karnataka, India

Sample No. 10000000000000000000  
Sample Name  
Sample Description  
Date of Sample Collection  
Report Date

## Analysis Result

Sl. No.	Pollutants	Result	Method of Test Reference
1	Total suspended matter (TSM) in mg/l	100	IS 3025 Part 1
2	Total dissolved matter (TDM) in mg/l	100	IS 3025 Part 1
3	Total solid matter (TSM) in mg/l	100	IS 3025 Part 1
4	Ammonia Nitrogen (NH <sub>4</sub> -N) in mg/l	100	IS 3025 Part 1
5	Carbonate hardness (CaCO <sub>3</sub> ) in mg/l	100	IS 3025 Part 1
6	Lead (Pb) in mg/l	100	IS 3025 Part 1

NOTE: Fugitive emissions standard (FES) is 100 mg/l for all pollutants.

Report Prepared by: [Signature]

Qualissure Laboratory Services  
Reviewed & Authorized By  
[Signature]  
Benimadhab Gorai (Chemist)  
(Authorized Signatory)

--- End of the Report ---





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[illegible]

## TEST REPORT

## Name &amp; Address Of the Customer :

K. = New Metrolife Ltd.  
 Vellore, C.O. = Coimbatore  
 P.S. = Kankar, Durgapur  
 Rayachoti, Bardhaman  
 West Bengal = 713, 717

Report No	Q15/A/22-23/06-1000
Date	23.03.2023
Sample No.	Q15/A/22-23/1000
Sample Description	Work Zone Monitoring
Date of Performance(s)	23.03.2023 - 29.03.2023
Ref No. Date	A1/22-23-005-0000

### Analysis Result

Near Hot Metal Bay

Date of sampling: 22/03/2021

Submitted June 2006 by C. Sahoo/P. Mahato

Sampling done at port CPOB (Cape Cod Bay Program)

Pre-accident Condition: Clear & Sunny

Sl No.	Pollutants	Result	Method of Test Reference
1	Total Suspended Particulate Matter in $\mu\text{g}/\text{m}^3$	260	IS 5182, Part 4: 1994, RA 2012
2	Respirable Suspended Particulate Matter in $\mu\text{g}/\text{m}^3$	121	IS 5182, Part 5: 2012
3	Sulphur dioxide ( $\text{SO}_2$ ) in $\mu\text{g}/\text{m}^3$	13.4	IS 5182 (Part 7): 2001, RA 2012
4	Nitrogen dioxide ( $\text{NO}_2$ ) in $\mu\text{g}/\text{m}^3$	13.6	IS 5182 (Part 8): 2012
5	Carbon Monoxide ( $\text{CO}$ ) in $\mu\text{g}/\text{m}^3$	106.1	IS 5182 (Part 9): 2001, RA 2012
6	Lead ( $\text{Pb}$ ) in $\mu\text{g}/\text{m}^3$	0.50	EPA 821-G-92-010

NOTE: \* indicates nonstandard form; p/p is a perfect environment (Perfect type) [see

Report Prepared by: \_\_\_\_\_

For Qualisure Laboratory Services  
Reviewed & Authorized By

(Benimadhab Gorai, Chemist)  
(Authorized Signatory)

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



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IC-6273

000133 QES/AMP/08/4/00

## TEST REPORT

### Name & Address Of the Customer :

M/s. New Metals Ltd.  
 VPO # 01, Gopalpur  
 P.S. - Kariksa, Durgapur  
 Paschim Bardhaman  
 West Bengal - 713 212

### Report No.

QES/A/22/23/1062

### Date

29.03.2023

### Sample No.

QES/A/22/23/1062

### Sample Description

Work Zone Monitoring

### Date of Performance(s)

23.03.2023, 29.03.2023

### Ref No. Date

WL22503/006, dated 03.03.2023

## Analysis Result

Location: Near Tail ESP

Date of sampling : 21.03.2023

Sampling done by : C.Sahoo/P.Mahato

Sampling done as per : CPCB Guideline, 2008 (Part 3)

Environmental Condition: Clear & Sunny

Sl. No.	Pollutants	Result	Method of Test Reference
1	Total suspended Particulate Matter in $\mu\text{g}/\text{m}^3$	594	IS: 5182 (Part 4) 1997 (Revised 2001)
2	Respirable Suspended Particulate Matter in $\mu\text{g}/\text{m}^3$	324	IS: 5182 (Part 2) 2001
3	Sulphur dioxide ( $\text{SO}_2$ ) in $\mu\text{g}/\text{m}^3$	11.2	IS: 5182 (Part 2) 2001 (Part 2) (Revised 2001)
4	Nitrogen dioxide ( $\text{NO}_2$ ) in $\mu\text{g}/\text{m}^3$	34.6	IS: 5182 (Part 2) 2001
5	Carbon Monoxide ( $\text{CO}$ ) in $\mu\text{g}/\text{m}^3$	1155	IS: 5182 (Part 2) 2001 (Part 2) (Revised 2001)
6	Lead (Pb) in $\mu\text{g}/\text{m}^3$	0.51	EPA (C) 3.2 & 3.3

NOTE: Flue gas emission standard : 4000  $\mu\text{g}/\text{m}^3$  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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DOC NO: QLS/SAMP/22-A/22

## TEST REPORT

Name & Address Of the Customer :	Report No. :	QLS/A/22-23/C/892
M/s. Neo Metaliks Ltd.	Date :	04.02.2023
Vill + P.O. : Gopalpur	Sample No. :	QLS/A/22-23/892
P.S. : Kanksa, Durgapur	Sample Description :	Work Zone Monitoring
Paschim Bardhaman	Date of Performance(s) :	28.01.2023-03.02.2023
West Bengal – 713 212	Ref No. Date :	W122505-006, Dated 05.05.2022

## Analysis Result

Location : Hot Metal Bay	Date of sampling : 25.01.2023
Sampling Done by: P.Mandal/S.Ghosh	Sampling done as per : CPCB Guidelines (Volume-1)
Environmental Condition : Clear & Sunny	

Sl. No.	Pollutants	Result	Method of Test Reference
1	Total Suspended Particulate Matter in $\mu\text{g}/\text{m}^3$	153	IS 5182 : Part.4-1999 (RA-2014)
2	Respirable Suspended Particulate Matter in $\mu\text{g}/\text{m}^3$	128	IS 5182: Part 23 - 2012
3	Sulphur dioxide ( $\text{SO}_2$ ) in $\mu\text{g}/\text{m}^3$	11.4	IS: 5182 (Part-2)-2001 (RA-2012)
4	Nitrogen dioxide ( $\text{NO}_2$ ) in $\mu\text{g}/\text{m}^3$	36.1	IS: 5182 (Part- 6)-2012
5	Carbon Monoxide (CO) in $\mu\text{g}/\text{m}^3$	1155	IS: 5182 (Part- 10)- (RA-2017)
6	Lead (Pb) in $\mu\text{g}/\text{m}^3$	0.20	EPA IO-3.2 & 5.0

**NOTE:** Fugitive emission Standard - 4000  $\mu\text{g}/\text{m}^3$  as per Environment (Protection) rules, 1986.

Report Prepared by : *(Signature)*

for Qualissure Laboratory Services  
Reviewed & Authorized By

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

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



TC-6271

Qualissure Laboratory Services Pvt. Ltd. (Formerly Neo Metaliks Pvt. Ltd.)  
Email: info@qualissurelab.com, qualissurelab@gmail.com | Mobile No: 98311 31302, 98311 31303

DOC NO: QLS/SAMP/08 A/00

## TEST REPORT

**Name & Address Of the Customer :**

M/s. Neo Metaliks Ltd  
Village P.O. - Gopalpur  
P.S. - Kanksa, Durgapur  
Paschim Bardhaman  
West Bengal - 713 212

Report No. : QLS/A/22-23/C/890  
Date : 04.02.2023  
Sample No. : QLS/A/22-23/890  
Sample Description : Work Zone Monitoring  
Date of Performance(s) : 28.01.2023-03.02.2023  
Ref No. Date : W122505-006, Dated 05.05.2022

## Analysis Result

Location : Near Ground Hopper

Date of sampling : 24.01.2023

Sampling Done by : P.Mandal/S.Ghosh

Sampling done as per : CPCB Guidelines (Volume-1)

Environmental Condition : Clear &amp; Sunny

Sl. No.	Pollutants	Result	Method of Test Reference
1	Total Suspended Particulate Matter in $\mu\text{g}/\text{m}^3$	537	IS 5182 : Part.4-1999,(RA-2014)
2	Respirable Suspended Particulate Matter in $\mu\text{g}/\text{m}^3$	338	IS 5182: Part 23 : 2012
3	Sulphur dioxide ( $\text{SO}_2$ ) in $\mu\text{g}/\text{m}^3$	10.7	IS: 5182 (Part-2)-2001,(RA-2012)
4	Nitrogen dioxide ( $\text{NO}_2$ ) in $\mu\text{g}/\text{m}^3$	33.8	IS: 5182 (Part- 6)-2012
5	Carbon Monoxide (CO) in $\mu\text{g}/\text{m}^3$	1121	IS: 5182 (Part- 10)- (RA-2017)
6	Lead (Pb) in $\mu\text{g}/\text{m}^3$	0.44	EPA IO-3.2 & 5.0

**NOTE:** Fugitive emission Standard - 4000  $\mu\text{g}/\text{m}^3$  as per Environment (Protection) rules, 1986.

Report Prepared by : P. Mandal

for Qualissure Laboratory Services  
Reviewed & Authorized By

(Benimadhab Gorai, Chemist)  
(Authorized Signatory)

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



L

Email :

Qualissure Laboratory Services Pvt. Ltd. and Branches

Mobile No. 98341 81888



TC-6271

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

## TEST REPORT

**Name & Address Of the Customer :**

M/s. Neo Metaliks Ltd.  
Village P.O. Gopalpur  
P.S. - Kanksa, Durgapur  
Paschim Bardhaman  
West Bengal - 713 212

Report No. : QLS/A/22-23/C/889  
Date : 04.02.2023  
Sample No. : QLS/A/22-23/889  
Sample Description : Work Zone Monitoring  
Date of Performance(s) : 28.01.2023-003.02.2023  
Ref No. Date : W122505-006.Dated:05.05.2022

## Analysis Result

Location : Near Head ESPs

Date of sampling : 24.01.2023

Sampling Done by: P.Mandal/S.Ghosh

Sampling done as per : CPCB Guidelines (Volume-1)

Environmental Condition : Clear &amp; Sunny

Sl. No.	Pollutants	Result	Method of Test Reference
1	Total Suspended Particulate Matter in $\mu\text{g}/\text{m}^3$	370	IS 5182 : Part-4-1999, (RA-2014)
2	Respirable Suspended Particulate Matter in $\mu\text{g}/\text{m}^3$	285	IS 5182: Part 23 : 2012
3	Sulphur dioxide ( $\text{SO}_2$ ) in $\mu\text{g}/\text{m}^3$	11.8	IS: 5182 (Part-2)-2001, (RA-2012)
4	Nitrogen dioxide ( $\text{NO}_2$ ) in $\mu\text{g}/\text{m}^3$	35.7	IS: 5182 (Part- 6)-2012
5	Carbon Monoxide (CO) in $\mu\text{g}/\text{m}^3$	1018	IS: 5182 (Part- 10)- (RA-2017)
6	Lead (Pb) in $\mu\text{g}/\text{m}^3$	0.26	EPA IO-3.2 & 5.0

**NOTE:** Fugitive emission Standard -  $4000 \mu\text{g}/\text{m}^3$  as per Environment (Protection) rules, 1986.

Report Prepared by : P. Mandal

for Qualissure Laboratory Services  
Reviewed & Authorized By

(Benimadhab Gorai, Chemist)  
(Authorized Signatory)

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



Settlement Public Health Dept. Pankaj Road, Kolkata - 700067

Mobile No. 98301 47086, 98301 47087

Email :

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  
Jaschim Bardhaman  
West Bengal - 713 212

Report No. : QLS/A/22-23/C/696  
Date : 02.12.2022  
Sample No. : QLS/A/22-23/696  
Sample Description : Work Zone Monitoring  
Date of Performance(s) : 24.11-29.11.2022  
Ref No. Date : W122505-006, Dated: 05.05.2022

## Analysis Result

Location : Near Ground Hopper		Date of sampling : 15.11.2022	
Sampling Done by: P.Mandal/S.Ghosh		Sampling done as per : CPCB Guidelines (Volume-1)	
Environmental Condition : Clear & Sunny			
Sl. No.	Pollutants	Result	Method of Test Reference
1	Total Suspended Particulate Matter in $\mu\text{g}/\text{m}^3$	196	IS 5182 : Part-4-1999,(RA-2014)
2	Respirable Suspended Particulate Matter in $\mu\text{g}/\text{m}^3$	147	IS 5182: Part 23 : 2012
3	Sulphur dioxide ( $\text{SO}_2$ ) in $\mu\text{g}/\text{m}^3$	9.1	IS: 5182 (Part-2)-2001,(RA-2012)
4	Nitrogen dioxide ( $\text{NO}_2$ ) in $\mu\text{g}/\text{m}^3$	32.7	IS: 5182 (Part- 6)-2012
5	Carbon Monoxide (CO) in $\mu\text{g}/\text{m}^3$	904	IS: 5182 (Part- 10)- (RA-2017)
6	Lead (Pb) in $\mu\text{g}/\text{m}^3$	0.15	EPA IO-3.2 & 5.0

**NOTE:** Fugitive emission Standard -  $4000 \mu\text{g}/\text{m}^3$  as per Environment (Protection) rules, 1986.

for Qualissure Laboratory Services  
Reviewed & Authorized By

(Authorized Signatory)





Local

Qualissure Laboratory Services Pvt. Ltd. (ISO 9001:2015 Certified)

Module No. QLS/08-11-2022-05/05/2022



TC-6271

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. : QLS/A/22-23/C/697  
Date : 02.12.2022  
Sample No. : QLS/A/22-23/697  
Sample Description : Work Zone Monitoring  
Date of Performance(s) : 24.11-29.11.2022  
Ref No. Date : W122505-006, Dated: 05.05.2022

## Analysis Result

Location : Near Hot Metal Bay

Date of sampling : 15.11.2022

Sampling Done by: P.Mandal/S.Ghosh

Sampling done as per : CPCB Guidelines (Volume-1)

Environmental Condition : Clear &amp; Sunny

Sl. No.	Pollutants	Result	Method of Test Reference
1	Total Suspended Particulate Matter in $\mu\text{g}/\text{m}^3$	145	IS 5182 : Part.4-1999,(RA-2014)
2	Respirable Suspended Particulate Matter in $\mu\text{g}/\text{m}^3$	136	IS 5182: Part 23 : 2012
3	Sulphur dioxide ( $\text{SO}_2$ ) in $\mu\text{g}/\text{m}^3$	10.6	IS: 5182 (Part-2)-2001,(RA-2012)
4	Nitrogen dioxide ( $\text{NO}_2$ ) in $\mu\text{g}/\text{m}^3$	34.2	IS: 5182 (Part- 6)-2012
5	Carbon Monoxide (CO) in $\mu\text{g}/\text{m}^3$	1052	IS: 5182 (Part- 10)- (RA-2017)
6	Lead (Pb) in $\mu\text{g}/\text{m}^3$	0.18	EPA IO-3.2 & 5.0

**NOTE:** Fugitive emission Standard :  $4000 \mu\text{g}/\text{m}^3$  as per Environment (Protection) rules, 1986.

for Qualissure Laboratory Services  
Reviewed & Authorized By

(Authorized Signatory)



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10040 Qualissure/02/1/00

**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. QLS/A/22 23/1/00  
Date 02.12.2022  
Sample No. QLS/A/22 23/1/00  
Sample Description Work Zone Monitoring  
Date of Performance(s) 24.11.29.11.2022  
Sample Mark Near Tail ESP  
Ref No. Date W122505 006, Dated 05.05.2022

**Analysis Result**

Location: Near Tail ESP

Date of sampling: 12.11.2022

Sampling Done by: P.Mandal/S.Ghosh

Sampling done as per: CPCB Guidelines (Volume 1)

Environmental Condition: Clear &amp; Sunny

Sl. No.	Pollutants	Result	Method of Test Reference
1	Total Suspended Particulate Matter in $\mu\text{g}/\text{m}^3$	185	IS 5182 : Part 4 : 1999, (RA 2014)
2	Respirable Suspended Particulate Matter in $\mu\text{g}/\text{m}^3$	156	IS 5182 : Part 23 : 2012
3	Sulphur dioxide ( $\text{SO}_2$ ) in $\mu\text{g}/\text{m}^3$	9.9	IS: 5182 (Part 2) : 2001, (RA-2012)
4	Nitrogen dioxide ( $\text{NO}_2$ ) in $\mu\text{g}/\text{m}^3$	32.7	IS: 5182 (Part 6) : 2012
5	Carbon Monoxide ( $\text{CO}$ ) in $\mu\text{g}/\text{m}^3$	8.24	IS: 5182 (Part 10) : (RA-2017)
6	Lead (Pb) in $\mu\text{g}/\text{m}^3$	0.26	EPA 10.3.2 & 5.0

**NOTE:** Fugitive emission Standard - 4000  $\mu\text{g}/\text{m}^3$  as per Environment (Protection) rules, 1986.

for Qualissure Laboratory Services  
Reviewed & Authorized By

(Authorized Signatory)





## 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.

QSL/A/22/23/653

### Date

02.12.2022

### Sample No.

QSL/A/22/23/653

### Sample Description

Work Zone Monitoring

### Date of Performance(s)

24.11.2022

### Ref No. Date

W122505/006, Dated 05.01.2022

## Analysis Result

Location : Near Emergency Pit

Date of sampling : 16.11.2022

Sampling Done by: P.Mandal/S.Ghosh

Sampling done as per : CPCB Guidelines (Volume 1)

Environmental Condition : Clear & Sunny

Sl. No.	Pollutants	Result	Method of Test Reference
1	Total Suspended Particulate Matter in $\mu\text{g}/\text{m}^3$	122	IS 5182 - Part 4-1999, (RA-2014)
2	Respirable Suspended Particulate Matter in $\mu\text{g}/\text{m}^3$	101	IS 5182, Part 23-2012
3	Sulphur dioxide ( $\text{SO}_2$ ) in $\mu\text{g}/\text{m}^3$	8.4	IS: 5182 (Part-2)-2001, (RA-2012)
4	Nitrogen dioxide ( $\text{NO}_2$ ) in $\mu\text{g}/\text{m}^3$	31.9	IS: 5182 (Part-6) 2012
5	Carbon Monoxide ( $\text{CO}$ ) in $\mu\text{g}/\text{m}^3$	766	IS: 5182 (Part-10)- (RA-2017)
6	Lead (Pb) in $\mu\text{g}/\text{m}^3$	0.03	EPA IO-3.2 & 5.0

**NOTE:** Fugitive emission Standard -  $4000 \mu\text{g}/\text{m}^3$  as per Environment (Protection) rules, 1986.

for Qualissure Laboratory Services  
Reviewed & Authorized By

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# Qualissure Laboratory Services



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Annexure: XIII

TC-6271

DOC NO: QLS/SAMP/08 01/02

## 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

UIR No TC627123000000386F  
Report No QLS/W/22-23/C/682  
Date 25.03.2023  
Sample No QLS/W/22-23/C/682  
Sample Description Drinking Water  
Sample Mark/ Location Near Admin Building  
Sample Drawn On 15.03.2023  
Date of Performance(s) 16.03.2023-23.03.2023  
Sampling Method IS 3025(Part 1): 1987 (RA 2019)  
Ref No. Date W122505-006, Dated 05.05.2022

### Analysis Result

#### (A) Microbiological Analysis

Sl. No.	Characteristic	Limit as Per IS 10500 :2012Amd. 2	Test Method	Result
1	Coliform (100ml)	Not Detectable	IS 15185-2016	Not Detected
2	Total Coliform Bacteria (100ml)	Not Detectable	IS 15185-2016	Not Detected

#### (B) Chemical Analysis

Sl. No.	Test Parameter	Test Method	IS 10500:2012Amd. No. 1 & 2		Result
			Acceptable Limit	Permissible Limit	
1	Colour in Hazen Units	IS 3025 (Part 4): 1983 (RA 2012)	5	15	10
2	Odour	IS 3025 (Part 5): 1983 (RA 2012)	Agreeable	Agreeable	Agreeable
3	pH Value at 25°C	IS 3025 (Part 11): 1984 (RA 2012)	6.5-8.5	No Relaxation	7.5
4	Total Chlorine in %	IS 3025 (Part 10): 1984 (RA 2012)	1	5	1.5
5	Total Dissolved Solids (as TDS) in mg/l	IS 3025 (Part 16): 1984 (RA 2012)	500	2000	250
6	Aluminium (as Al) in mg/l	IS 3025 (Part 55): 2003 (RA 2014)	0.05	0.2	0.05
7	Ammonia (as NH <sub>3</sub> ) in mg/l	IS 3025 (Part 34): 1988 (RA 2014)	0.5	No Relaxation	<0.1
8	Anionic Detergents (as MBAS) in mg/l	IS 13428-2005 (Annex K)	0.2	1.0	<0.02
9	Borates (as B) in mg/l	IS 13428-2005 (Annex L)	0.5	2.4	<0.5
10	Calcium (as Ca) in mg/l	IS 3025 (Part 40): 1991 (RA 2014)	75	200	30.4
11	Chlorides (as Cl) in mg/l	IS 3025 (Part 32): 1988 (RA 2014)	250	1000	44.6
12	Copper (as Cu) in mg/l	IS 3025 (Part 42): 1992 (RA 2014)	0.05	1.5	<0.1
13	Fluorides (as F) in mg/l	APHA 23rd Edition 2017, 4500 F.D	1.0	1.5	<0.1
14	Free Residual Chlorine in mg/l	IS 3025 (Part 26): 1986 (RA 2014)	0.2	1.2	<0.1
15	Iron (as Fe) in mg/l	IS 3025 (Part 53): 1988 (RA 2014)	1.0	No Relaxation	<0.05
16	Magnesium (as Mg) in mg/l	IS 3025 (Part 46): 1994 (RA 2014)	30	100	17.4
17	Manganese (as Mn) in mg/l	IS 3025 (Part 59): 2006 (RA 2014)	0.1	1.5	<0.02
18	Nitrate (as NO <sub>3</sub> ) in mg/l	IS 3025 (Part 34): 1988 (RA 2014)	45	No Relaxation	<0.5
19	Phenols (as Ph) (as C <sub>6</sub> H <sub>5</sub> OH) in mg/l	IS 3025 (Part 43): 1992 (RA 2014)	0.001	0.2	<0.01
20	Selenium (as Se) in mg/l	IS 15303-2003 (RA 2013)	0.01	No Relaxation	<0.01
21	Sulphate (as SO <sub>4</sub> ) in mg/l	IS 3025 (Part 24): 1986 (RA 2014)	200	400	8.5
22	Alkalinity (as CaCO <sub>3</sub> ) in mg/l	IS 3025 (Part 23): 1986 (RA 2014)	200	500	144.5
23	Total Hardness (as CaCO <sub>3</sub> ) in mg/l	IS 3025 (Part 21): 2013	200	500	24.5
24	Cadmium (as Cd) in mg/l	IS 3025 (Part 41): 1992 (RA 2014)	0.005	No Relaxation	<0.001
25	Cyanides (CN) in mg/l	IS 3025 (Part 27): 1986 (RA 2014)	0.05	No Relaxation	<0.01
26	Lead (as Pb) in mg/l	IS 3025 (Part 47): 1994 (RA 2014)	0.05	No Relaxation	<0.01
27	Mercury (as Hg) in mg/l	IS 3025 (Part 48): 1994 (RA 2014)	0.005	No Relaxation	<0.01
28	Arsenic (as As) in mg/l	IS 3025 (Part 37): 1988 (RA 2014)	0.01	No Relaxation	<0.01
29	Zinc (as Zn) in mg/l	IS 3025 (Part 49): 1994 (RA 2014)	5	No Relaxation	<0.01
30	Total Chromium (as Cr) in mg/l	IS 3025 (Part 52): 2014 (RA 2014)	1.05	No Relaxation	<0.01

Report Prepared By:

for Qualissure Laboratory Services  
Reviewed & Authorized By

Soumy Chakraborty, Microbiologist  
(Authorized Signatory)

for Qualissure Laboratory Services  
Reviewed & Authorized By

Bishnupriya Banerjee, Chemist  
(Authorized Signatory)

— End of the Report —





# Qualissure Laboratory Services



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C-5271

ISO 15185:2016, Part 1: 1987 (RA 2019)

## TEST REPORT

### Name & Address of the Customer:

M/s. Neo Metaliks Ltd  
Vill - P.O. - Gopalpur  
P.S. - Kanksa Durgapur  
Paschim Bardhamani  
West Bengal - 713 212

### UIR No.

TC62/1230000002021

### Report No.

Q15/W/22-23/C/595

### Date

22.02.2023

### Sample No.

Q15/W/22-23/C/595

### Sample Description

Drinking Water

### Sample Mark/ Location

Admin Building

### Sample Drawn On

01.02.2023

### Date of Performance(s)

01.02.2023, 10.02.2023

### Sampling Method

IS 3025(Part 1): 1987 (RA 2019)

### Ref No. Date

W122505-006, Dated 05.05.2022

## Analysis Result

### (A) Microbiological Analysis

Sl. No.	Characteristic	Limit as Per IS 10500 :2012Amd. 2	Test Method	Result
1	E.coli/100ml	Not Detectable	IS 15185-2016	Not Detected
2	Total Coliform Bacteria/100ml	Not Detectable	IS 15185-2016	Not Detected

### (B) Chemical Analysis

Sl. No.	Test Parameter	Test Method	IS 10500:2012Amd. No. 1 & 2		Result
			Acceptable Limit	Permissible Limit	
1	Colour in Hazen Units	IS 3025 (Part 4): 1983 (RA 2012)	5	15	<1.5
2	Odour	IS 3025 (Part 5): 1983 (RA 2012)	Agreeable	Agreeable	Agreeable
3	pH value at 25°C	IS 3025 (Part 11): 1984 (RA 2012)	6.5-8.5	No Relaxation	6.52
4	Turbidity in NTU	IS 3025 (Part 10): 1984 (RA 2012)	1	5	<1.0
5	Total Dissolved Solids (as TDS) in mg/l	IS 3025 (Part 16): 1984 (RA 2012)	500	2000	172
6	Aluminium (as Al) in mg/l	IS 3025 (Part 55): 2003 (RA 2014)	0.03	0.2	<0.01
7	Ammonia as NH <sub>3</sub> in mg/l	IS 3025 (Part 34): 1988(RA 2014)	0.5	No Relaxation	<0.1
8	Anionic Detergents (as MBAS) in mg/l	IS 13428-2005(Annex K)	0.2	1.0	<0.02
9	Sulphate (as SO <sub>4</sub> ) in mg/l	IS 13428-2005(Annex L)	0.5	2.4	<0.5
10	Calcium (as Ca) in mg/l	IS 3025 (Part 40): 1991(RA 2014)	75	200	29.8
11	Chloride (as Cl) in mg/l	IS 3025 (Part 32): 1988 (RA 2014)	250	1000	36.5
12	Copper (as Cu) in mg/l	IS 3025 (Part 42): 1992(RA 2014)	0.05	1.5	<0.02
13	Fluoride (as F) in mg/l	APHA 23rd Edition 2017, 4500 F.D	1.0	1.5	<0.1
14	Free Residual Chlorine in mg/l	IS 3025 (Part 26): 1986(RA 2014)	0.2	1.0	<0.1
15	Iron (as Fe) in mg/l	IS 3025 (Part 53): 1988(RA 2014)	1.0	No Relaxation	<0.05
16	Magnesium (as Mg) in mg/l	IS 3025 (Part 46): 1994(RA 2014)	30	100	15.2
17	Manganese (as Mn) in mg/l	IS 3025 (Part 59): 2006 (RA 2014)	0.1	0.3	<0.02
18	Nitrate (as NO <sub>3</sub> ) in mg/l	IS 3025 (Part 34): 1988(RA 2014)	45	No Relaxation	<0.5
19	Phenolic Compounds (as C <sub>6</sub> H <sub>5</sub> OH) in mg/l	IS 3025 (Part 43): 1992(RA 2014)	0.001	0.002	<0.001
20	Seventrichloride in mg/l	IS 15303-2003 (RA 2013)	0.01	No Relaxation	<0.01
21	Sulphate (as SO <sub>4</sub> ) in mg/l	IS 3025 (Part 24): 1986 (RA 2014)	200	400	6.9
22	Alkalinity (as CaCO <sub>3</sub> ) in mg/l	IS 3025 (Part 23): 1986(RA 2014)	200	600	171.6
23	Total Hardness (as CaCO <sub>3</sub> ) in mg/l	IS 3025 (Part 21): 2013	200	600	137.6
24	Sodium (as Na) in mg/l	IS 3025 (Part 41): 1992(RA 2014)	0.003	No Relaxation	<0.002
25	Cyanide (as CN) in mg/l	IS 3025 (Part 27): 1986(RA 2014)	0.05	No Relaxation	<0.02
26	Lead (as Pb) in mg/l	IS 3025 (Part 47): 1994 (RA 2014)	0.01	No Relaxation	<0.01
27	Mercury (as Hg) in mg/l	IS 3025 (Part 48): 1994(RA 2014)	0.001	No Relaxation	<0.001
28	Arsenic (as As) in mg/l	IS 3025 (Part 37): 1988 (RA 2014)	0.01	No Relaxation	<0.01
29	Zinc (as Zn) in mg/l	IS 3025 (Part 49): 1994 (RA 2014)	5	15	<0.02
30	Total Chromium (as Cr) in mg/l	IS 3025 (Part 52): 2014 (RA 2014)	0.05	No Relaxation	<0.05

Report Prepared By:

for Qualissure Laboratory Services  
Reviewed & Authorized By

Soumy Chakraborty, Microbiologist  
(Authorized Signatory)

for Qualissure Laboratory Services  
Reviewed & Authorized By

Bishnupriya Banerjee, Chemist  
(Authorized Signatory)

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



# Qualissure Laboratory Services



601, Pinthuck Pally, IS-601, Bose Pukur Road, Kolkata - 700107  
Email: info@qualissure.com, info@qualissure.co.uk, info@qualissure.in  
Mob No: 98311 87000, 98310099976

C-6271

DOCHQ: QLS/SAMP/08 D/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

UIR No. : TC62712/000/005858F  
Report No. : QLS/W/22-23/C/454  
Date : 16.12.2022  
Sample No. : QLS/W/22-23/C/454  
Sample Description : Drinking Water  
Sample Mark/ Location : Canteen  
Sample Drawn On : 24.11.2022  
Date of Performance(s) : 25.11.2022-01.12.2022  
Sampling Method : IS 3025(Part 1): 1987 (RA 2019)  
Ref No. Date : W122505-006, Dated 05.05.2022

## Analysis Result

### (A) Microbiological Analysis

Sl No.	Characteristic	Limit as Per IS 10500 :2012Amd. 2	Test Method	Result
1	E.coli/100ml	Not Detectable	IS 15185-2016	Not Detected
2	Total Coliform Bacteria/100ml	Not Detectable	IS 15185-2016	Not Detected

### (B) Chemical Analysis

Sl. No.	Test Parameter	Test Method	IS 10500:2012Amd. No. 1 & 2		Result
			Acceptable Limit	Permissible Limit	
1	Colour in Hazen Units	IS 3025 (Part 4): 1983 (RA 2012)	5	15	<1.0
2	Odour	IS 3025 (Part 5): 1983 (RA 2012)	Agreeable	Agreeable	Agreeable
3	pH Value at 25°C	IS 3025 (Part 11): 1984 (RA 2012)	6.5-8.5	No Relaxation	6.89
4	Turbidity in NTU	IS 3025 (Part 10): 1984 (RA 2012)	1	5	<1.0
5	Total Dissolved Solids (as TDS) in mg/l	IS 3025 (Part 16): 1984 (RA 2012)	500	2000	148
6	Aluminium (as Al) in mg/l	IS 3025 (Part 55): 2003 (RA 2014)	0.03	0.2	<0.01
7	Ammonia as NH <sub>3</sub> in mg/l	IS 3025 (Part 34): 1988(RA 2014)	0.5	No Relaxation	<0.1
8	Anionic Detergents(as MBAS) in mg/l	IS 13428-2005(Annex K)	0.2	1.0	<0.02
9	Boron(as B) in mg/l	IS 13428-2005(Annex L)	0.5	2.4	<0.5
10	Calcium(as Ca) in mg/l	IS 3025 (Part 40): 1991(RA 2014)	75	200	28.3
11	Chloride(as Cl) in mg/l	IS 3025 (Part 32): 1988 (RA 2014)	250	1000	27.6
12	Copper(as Cu) in mg/l	IS 3025 (Part 42): 1992(RA 2014)	0.05	1.5	<0.02
13	Fluoride(as F) in mg/l	APHA 23rd Edition 2017, 4500 F D	1.0	1.5	<0.1
14	Free Residual Chlorine in mg/l	IS 3025 (Part 26): 1986(RA 2014)	0.2	1.0	<0.1
15	Iron (as Fe) in mg/l	IS 3025 (Part 53): 1988(RA 2014)	1.0	No Relaxation	<0.05
16	Magnesium(as Mg) in mg/l	IS 3025 (Part 46): 1994(RA 2014)	30	100	11.6
17	Manganese (as Mn) in mg/l	IS 3025 (Part 59): 2006 (RA 2014)	0.1	0.3	<0.02
18	Nitrate (as NO <sub>3</sub> ) in mg/l	IS 3025 (Part 34): 1988(RA 2014)	45	No Relaxation	<0.5
19	Phenolic Compounds(as C <sub>6</sub> H <sub>5</sub> OH) in mg/l	IS 3025 (Part 43): 1992(RA 2014)	0.001	0.002	<0.001
20	Selenium(as Se) in mg/l	IS 15303-2003 (RA 2013)	0.01	No Relaxation	<0.01
21	Sulphate (as SO <sub>4</sub> ) in mg/l	IS 3025 (Part 24): 1986 (RA 2014)	200	400	2.4
22	Alkalinity(as CaCO <sub>3</sub> ) in mg/l	IS 3025 (Part 23): 1986(RA 2014)	200	600	130.2
23	Total Hardness (as CaCO <sub>3</sub> ) in mg/l	IS 3025 (Part 21): 2013	200	600	119.0
24	Cadmium(as Cd) in mg/l	IS 3025 (Part 41): 1992(RA 2014)	0.003	No Relaxation	<0.002
25	Cyanide(as CN) in mg/l	IS 3025 (Part 27): 1986(RA 2014)	0.05	No Relaxation	<0.02
26	Lead(as Pb) in mg/l	IS 3025 (Part 47): 1994 (RA 2014)	0.01	No Relaxation	<0.01
27	Mercury(as Hg) in mg/l	IS 3025 (Part 48): 1994(RA 2014)	0.001	No Relaxation	<0.001
28	Arsenic(as As) in mg/l	IS 3025 (Part 37): 1988 (RA 2014)	0.01	No Relaxation	<0.01
29	Zinc(as Zn) in mg/l	IS 3025 (Part 49): 1994 (RA 2014)	5	15	<0.02
30	Total Chromium (as Cr) in mg/l	IS 3025 (Part 52): 2014 (RA 2014)	0.05	No Relaxation	<0.05

For Qualissure Laboratory Services  
Reviewed & Authorized By

(Authorized Signatory)





# Qualissure Laboratory Services

361, Prantik Pally, 15 361, Bose Pukh Road Kolkata - 700107  
Email: qualissure@gmail.com, info@qualissure.com, Mob No: 98312 87086, 9830093976



TC-6271

DOC NO: QLS/SAMP/08-D/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

ULR No. : TC627122000005857F  
Report No. : QLS/W/22-23/C/453  
Date : 16.12.2022  
Sample No. : QLS/W/22-23/C/453  
Sample Description : Drinking Water  
Sample Mark/ Location : Near MBF Plant  
Sample Drawn On : 24.11.2022  
Date of Performance(s) : 25.11.2022-01.12.2022  
Sampling Method : IS 3025(Part 1): 1987 (RA 2019)  
Ref No. Date : W122505-006, Dated:05.05.2022

## Analysis Result

### (A) Microbiological Analysis

Sl.No.	Characteristic	Limit as Per IS 10500 :2012Amd. 2	Test Method	Result
1	E.coli/100ml	Not Detectable	IS 15185-2016	Not Detected
2	Total Coliform Bacteria/100ml	Not Detectable	IS 15185-2016	Not Detected

### (B) Chemical Analysis

Sl. No.	Test Parameter	Test Method	IS 10500:2012Amd. No. 1 & 2		Result
			Acceptable Limit	Permissible Limit	
1.	Colour in Hazen Units	IS 3025 (Part 4): 1983 (RA 2012)	5	15	<1.0
2.	Odour	IS 3025 (Part 5): 1983 (RA 2012)	Agreeable	Agreeable	Agreeable
3.	pH Value at 25°C	IS 3025 (Part 11): 1984 (RA 2012)	6.5-8.5	No Relaxation	6.95
4.	Turbidity in NTU	IS 3025 (Part 10): 1984 (RA 2012)	1	5	<1.0
5.	Total Dissolved Solids (as TDS) in mg/l	IS 3025 (Part 16): 1984 (RA 2012)	500	2000	224
6.	Aluminium (as Al) in mg/l	IS 3025 (Part 55): 2003 (RA 2014)	0.03	0.2	<0.01
7.	Ammonia as NH <sub>3</sub> in mg/l	IS 3025 (Part 34): 1988(RA 2014)	0.5	No Relaxation	<0.1
8.	Anionic Detergents(as MBAS) in mg/l	IS 13428-2005(Annex K)	0.2	1.0	<0.02
9.	Boron(as B) in mg/l	IS 13428-2005(Annex L)	0.5	2.4	<0.5
10.	Calcium(as Ca) in mg/l	IS 3025 (Part 40): 1991(RA 2014)	75	200	38.7
11.	Chloride(as Cl) in mg/l	IS 3025 (Part 32): 1988 (RA 2014)	250	1000	42.4
12.	Copper(as Cu) in mg/l	IS 3025 (Part 42): 1992(RA 2014)	0.05	1.5	<0.02
13.	Fluoride(as F) in mg/l	APHA 23rd Edition 2017, 4500 F.D	1.0	1.5	<0.1
14.	Free Residual Chlorine in mg/l	IS 3025 (Part 26): 1986(RA 2014)	0.2	1.0	<0.1
15.	Iron (as Fe) in mg/l	IS 3025 (Part 53): 1988(RA 2014)	1.0	No Relaxation	<0.05
16.	Magnesium (as Mg) in mg/l	IS 3025 (Part 46): 1994(RA 2014)	30	100	19.6
17.	Manganese (as Mn) in mg/l	IS 3025 (Part 59): 2006 (RA 2014)	0.1	0.3	<0.02
18.	Nitrate (as NO <sub>3</sub> ) in mg/l	IS 3025 (Part 34): 1988(RA 2014)	45	No Relaxation	<0.5
19.	Phenolic Compounds(as C <sub>6</sub> H <sub>5</sub> OH) in mg/l	IS 3025 (Part 43): 1992(RA 2014)	0.001	0.002	<0.001
20.	Selenium (as Se) in mg/l	IS 15303: 2003 (RA 2013)	0.01	No Relaxation	<0.01
21.	Sulphate (as SO <sub>4</sub> ) in mg/l	IS 3025 (Part 24): 1986 (RA 2014)	200	400	6.2
22.	Alkalinity(as CaCO <sub>3</sub> ) in mg/l	IS 3025 (Part 23): 1986(RA 2014)	200	600	193.2
23.	Total Hardness (as CaCO <sub>3</sub> ) in mg/l	IS 3025 (Part 21): 2013	200	600	178.6
24.	Cadmium(as Cd) in mg/l	IS 3025 (Part 41): 1992(RA 2014)	0.003	No Relaxation	<0.002
25.	Cyanide(as CN) in mg/l	IS 3025 (Part 27): 1986(RA 2014)	0.05	No Relaxation	<0.02
26.	Lead(as Pb) in mg/l	IS 3025 (Part 47): 1994 (RA 2014)	0.01	No Relaxation	<0.01
27.	Mercury(as Hg) in mg/l	IS 3025 (Part 48): 1994(RA 2014)	0.001	No Relaxation	<0.001
28.	Arsenic(as As) in mg/l	IS 3025 (Part 37): 1988 (RA 2014)	0.01	No Relaxation	<0.01
29.	Zinc(as Zn) in mg/l	IS 3025 (Part 49): 1994 (RA 2014)	5	15	<0.02
30.	Total Chromium (as Cr) in mg/l	IS 3025 (Part 52): 2014 (RA 2014)	0.05	No Relaxation	<0.05

For Qualissure Laboratory Services  
Reviewed & Authorized By

(Authorized Signatory)



361, Prantik Path, 45/361, Bose Pukur Road, Kolkata - 700107  
 Email: qualissure@gmail.com, info@qualissure.com ; Mob.No. 98312 87086 ; 983009 9976

TC-6271

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

**TEST REPORT**

<b>Name &amp; Address of the Customer:</b>	Report No.	: QLS/A/22-23/C/1061
M/s. Neo Metaliks Ltd.	Date	: 29.03.2023
Vill + P.O. : Gopalpur	Sample No.	: QLS/A/22-23/1061(A-E)
P.S. : Kanksa, Durgapur	Date of Performance(s)	: 23.03.2023 29.03.2023
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 : C.Sahoo/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
1061A	20.03.2023	Near Main Gate	64.2	65	51.7	55
1061B		Near Boundary Wall (North East Side)	59.8	65	47.9	55
1061C	21.03.2023	Admin. Building	62.5	65	50.7	55
1061D		Near CPP Cooling Tower	63.1	65	51.4	55
1061E		Near PCM Boundary Wall	64.7	65	52.6	55

Report Prepared by :

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

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

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





361, Prantik Pally, 45/361, Bose Pukur Road, Kolkata -700107  
Email: info@qualissure.com, info@qualissure.co.uk, info@qualissure.in Mob.No. 98312 87086 : 9830093976

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

### TEST REPORT

<b>Name &amp; Address of the Customer:</b> M/s. Neo Metaliks Ltd. Vill + P.O. : Gopalpur P.S. : Kanksa, Durgapur Paschim Bardhaman West Bengal – 713 212	<b>Report No.</b> : QLS/A/22-23/C/701 <b>Date</b> : 02.12.2022 <b>Sample No.</b> : QLS/A/22-23/701(A-E) <b>Date of Performance(s)</b> : 24.11-29.11.2022 <b>Sample Description</b> : Noise Monitoring <b>Ref No. Date</b> : W122505-006, Dated: 05.05.2022
---	---

### Analysis Result of Noise

Sampling Done By : P.Mandal/S.Ghosh						
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
701A	15-16.11.2022	Near Main Gate	64.2	65	49.9	55
701B		Admin. Building	61.4	65	48.7	55
701C	16-17.11.2022	Near PCM Boundary Wall	64.2	65	50.1	55
701D		Near Boundary Wall (North East Side)	58.1	65	44.5	55
701E	17-18.11.2022	Near CPP Cooling Tower	60.5	65	46.1	55

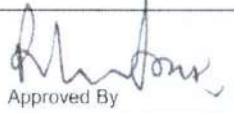
for Qualissure Laboratory Services  
Reviewed & Authorized By

(Authorized Signatory)

- The results relate only to the item(s) tested.
- This Test Report shall not be reproduced without the permission of Qualissure Laboratory Services.

Park Plaza, 71 Park Street, 6F, North Block, Kolkata Pin - 700016  
 Tel : 033-40504050 Email - info@neometaliks.com  
 Website : www.neometaliks.com CIN No : U27109WB2003PLC097231

**SERVICE ORDER**

<b>PO.Number : 3322000179</b>						<b>Date : 12.04.2023</b>					
<b>Details of service provider</b> <b>APPLUS INDIA PVT LTD</b> #402, VIJAYSRI NIVAS, ST.NO#1 PRAKASH NAGAR HYDERABAD State Name : Telangana      StateCode : 36 GSTIN : 36AAOCA8836H2Z6      PAN : Contact Details :						<b>Other References</b> Your reference : AIPL-Q-ESS-0 / 04-04-2023 Our Reference : W123412-001 / 12.04.2023 RFQ Number : Contact Person : Contact Number:					
<b>Service provider address</b> <b>APPLUS INDIA PVT LTD</b> #402, VIJAYSRI NIVAS, ST.NO#1 PRAKASH NAGAR HYDERABAD State Name : Telangana      StateCode : 36 GSTIN : 36AAOCA8836H2Z6      PAN : Contact Details :						<b>Billing To Address</b> Neo Metaliks Limited GOPALPUR DURGAPUR 713212 State Name : West Bengal      StateCode : 19 GSTIN : 19AABCN8514G1ZE PAN : AABCN8514G					
Sr. No.	Item Code	Description	Unit	HSN / SAC	Ref.No	Quantity	Price / Unit	Dis %	Dis. Amt.	Amount	
1		GHG Emission & De-Carbonization study			1322000134					200,000.00	
IGST @ 18.00 %										36,000.00	
Above service line contains below services :-											
	3001148	PREPARATION OF GHG EMISSION INVENTORY PREPARATION OF GHG EMISSION INVENTORY & DE-CARBONIZATION PROGRAMME INCLUDING REDUCTION PLAN	NOS			1.000	200,000.00			200,000.00	
In words : Rupees Two Lakh only							Val.Excl.Tax		200,000.00		
In words : Rupees Two Lakh Thirty Six Thousand only							Order Value		236,000.00		
<b>Terms &amp; Conditions :-</b>											
<b>General Conditions</b> <ol style="list-style-type: none"> <li>1. Mobilization at our Durgapur site within 2-3 days after receipt of the work order.</li> <li>2. The work is being awarded to you with understanding that you are fully aware with the local site situation.</li> <li>3. During the execution of the contract your rates will remain firm and fixed and no escalation will be entertained by NML.</li> <li>4. You have to ensure your own arrangement for security for your materials.</li> <li>5. You have to maintain the quality of work.</li> <li>6. You are liable to follow all necessary acts e.g. Factory Acts, Labour Acts etc.</li> <li>7. Take care about your labours safety and also follow all safety rules.</li> <li>8. Safety of the workers engaged in the job is in your responsibility and the company shall not be responsible for any type of compensation to your workers. You have to provide adequate personal protective equipments like helmet, safety shoe, safety goggles, hand gloves etc. as per safety requirement.</li> <li>10. All employees engaged in the site must be cover ESI registration/under insurance coverage and the certificate of that to be submitted before execution of work.</li> <li>11. EPF scheme shall be applicable as per rule.</li> <li>12. If any accident occurs during the work, you will be liable for all payments, maintenance etc. to the worker/ worker's family as per the statutory rules in force in the state or the country as a whole.</li> <li>13. You will ensure no bad elements in the job.</li> <li>14. All statutory liabilities will be in your scope.</li> <li>15. Total job will be executed as per supervision of the Engineer of Neo Metaliks.</li> <li>16. Other existing not rules mentioned here shall be applicable as per prevailing rules of NML.</li> </ol>											
<b>Scope of Work</b> <ol style="list-style-type: none"> <li>1. To prepare GHG Emission Inventory of NEO METALIKS, Durgapur.</li> <li>2. To submit the programme for reduction of the same including Carbon Sequestration and Plantation.</li> <li>3. To submit a study report on De-Carbonisation programme which would essentially consist of following :-</li> </ol>											
<b>Rajeswari Nair</b>  Prepared By						 Approved By					
NOTE : Please mention order number, Unit of Measurement (UOM), HSN/SAC and A/C head in challan/invoice for faster payment. Your general conditions of sale/services are not applicable to us. Your GST registration number should be quoted in your challan/invoice. Material/Services will be accepted only against submission of copy of Tax invoice.											



**NEO METALIKS PVT. LTD.****IMS POLICY IN ACCORDANCE TO ISO 14001:2015 & ISO 9001:2015**

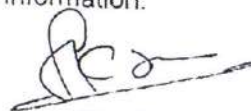
The top management of NML Head of plant along with Heads of all departments/Sections has formulated the integrated policy; appropriate to the nature, scale and purpose of NML.

This Policy has been approved by Plant Head and issued as part of this manual.

Policy states the **NML'S** intentions and principles in relation to its overall environmental performance, occupational health safety performance and overall quality of its operations.

- 1) The policy is appropriate to its nature, scale of operations, and environmental impact of its activities/products & service of **NML'S**.
- 2) The policy brings out the top management's commitment for continual improvement, prevention of injury, ill health and pollution.
- 3) The policy Commits to with compliance obligation, applicable legal and other requirements to which **NML'S** subscribes including corporate environmental requirements.
- 4) This policy also commits itself to address the occupational health and safety requirements as applicable.
- 5) This policy has been communicated to all the appropriate stakeholders, and employees and all the persons working under the control of the organization.
- 6) This policy of **NML'S** is available to the public on expression of interest as well as through display boards at common locations as well as at the entrance of the premises.
- 7) This policy is in line with the Mission, Vision and Core Values of **NML'S**. Together they shall form an integrated management system.
- 8) This policy is appropriate to the purpose and context of the organization and supports its strategic direction, including the nature, scale and environmental impacts of its activities, products and services and it provides a frame work for setting environmental & EH&S Objective.
- 9) This policy includes a commitment to the protection of the environment, including prevention of pollution and other specific commitment(s) relevant to the context of the organization and it is reviewed periodically.
- 10) This IMS Policy includes commitments to continual Improvement of Integrated Management System.
- 11) IMS policy are maintained as a documented information.

Date: 20.03.21



**PLANT HEAD**  
**NEO METALIKS PVT. LTD.**



DNV

# MANAGEMENT SYSTEM CERTIFICATE

Certificate no.  
1000478590-MSC-UKAS-IND

Initial certification date  
15 November 2021

Valid  
15 November 2021 – 14 November 2024

This is to certify that the management system of

## Neo Metaliks Limited

HO: 71, Park Street, 6th.Floor, 6F North Block, Kolkata - 700016, West Bengal, India

and the sites as mentioned in the appendix accompanying this certificate

has been found to conform to the Occupational Health and Safety Management System standard:  
**ISO 45001:2018**

This certificate is valid for the following scope:

**Manufacture of pig iron through mini blast furnace**

Place and date  
London, 15 November 2021

For the issuing office  
DNV - Business Assurance  
4th Floor, Vivo Building, 30 Stamford Street,  
London, SE1 9LQ, United Kingdom



Erle Koek  
Management Representative

Failure to fulfilment of conditions as set out in the Certification Agreement may render this Certificate invalid

At the DNV UK Ltd. DNV Business Assurance UK Limited, 4th Floor, Vivo Building, 30 Stamford Street, London, SE1 9LQ, United Kingdom - TEL: +44(0) 20 816 4000



EI SAMAY (Bengali-  
Vernacular Daily)  
Dt. 08.06.2022

THE TIMES OF  
INDIA- Dt. 08.06.2022

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PUBLIC NOTICE

**PUBLIC NOTICE  
ENVIRONMENT  
CLEARANCE**  
It is hereby informed  
that the Ministry of  
Environment, Forest  
and Climate Change,  
Indira Paryavaran  
Bhawan, Jor Bagh  
Road, Aliganj, New  
Delhi-110003, has  
accorded  
Environmental  
Clearance for the  
proposed Expansion of  
and Upgradation of  
Pig Iron  
Manufacturing Plant  
to a 0.4 MTPA  
Capacity and  
Inclusion of Steel  
Melting Shop in the  
existing premises of  
M/s. Neo Metaliks  
Limited at  
Gopalpur,Durgapur,Pa  
schim  
Bardhaman, West  
Bengal, vide letter  
dated 02.06.2022, E.C  
Identification No-  
EC22A008WB16704  
O.P.No. J-  
11011/779/2007-  
I.A.II(I) under the  
provision of EIA  
Notification dated  
14th September  
2006. The copy of  
Environment  
Clearance letter is  
available on website  
of MoEF&CC  
(PRAIVESH) -  
<http://moef.nic.in/>  
<http://environmentclearance.nic.in/>

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PUBLIC NOTICE

**PUBLIC NOTICE  
ENVIRONMENT  
CLEARANCE**  
It is hereby informed  
that the Ministry of  
Environment, Forest  
and Climate Change,  
Indira Paryavaran  
Bhawan, Jor Bagh  
Road, Aliganj, New  
Delhi-110003, has  
accorded  
Environmental  
Clearance for the  
proposed Expansion of  
and Upgradation of  
Pig Iron  
Manufacturing Plant  
to a 0.4 MTPA  
Capacity and  
Inclusion of Steel  
Melting Shop in the  
existing premises of  
M/s. Neo Metaliks  
Limited at  
Gopalpur,Durgapur,Pa  
schim  
Bardhaman, West  
Bengal, vide letter  
dated 02.06.2022, E.C  
Identification No-  
EC22A008WB16704  
O.P.No. J-  
11011/779/2007-  
I.A.II(I) under the  
provision of EIA  
Notification dated  
14th September  
2006. The copy of  
Environment  
Clearance letter is  
available on website  
of MoEF&CC  
(PRAIVESH) -  
<http://moef.nic.in/>  
<http://environmentclearance.nic.in/>

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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

To  
 The District Magistrate  
 Paschim Bardhaman  
 West Bengal

Date: 06-06-2022

Sub: Display of Environment Clearance (EC) of Neo Metaliks Ltd for 30 days.  
 Ref: Govt of India, Ministry of Environment, Forest & Climate Change (MoEF&CC), vide F. No: 1A  
 J11011/779/2007-IA.II(I), Dated-01/06/2022, as per EC, Miscellaneous Condition No. X(ii).

Respected Sir,

We, Neo Metaliks Limited are the leading Pig Iron manufacturer having its manufacturing units 215M<sup>3</sup> Blast Furnace, Sinter plant and Captive Power Plant at P.O + Vill- Gopalpur, Durgapur, Bamunara Industrial area. We would like to inform you that, M/s Neo Metaliks Ltd, Gopalpur, Durgapur-12, District - Paschim Bardhaman, West Bengal has been granted Environment Clearance (EC) vide letter no. F. No. IA-J-11011/779/2007-IA. II(I), Dated - 01/06/2022 for expansion and upgradation of Pig Iron Manufacturing Plant to 0.4 MTPA capacity and inclusion of steel melting shop from Ministry of Environment, Forest & Climate Change (MoEF&CC) under the provision EIA notification 2006. Please find enclosed the copy of EC (Environment Clearance) granted to M/s Neo Metaliks Ltd., which required to be displayed in your good office Notice Board for 30 days from the date of receipt as per EC, miscellaneous condition no. X(ii).

Submitted for your kind perusal.

Thanking you,

Yours faithfully,

  
 (Sanjay Kumar Jha)

DGM Commercial & Factory Manager  
 Mobile No: 8420009968



Enclosure: Copy of Environment Clearance (EC) accorded from Ministry of Environment, Forest & Climate Change (MoEF&CC), vide F. No: IA-J11011/779/2007-IA. II(I), Dated-01/06/2022.





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

Date: 06-06-2022

To  
Office of Sub-Divisional Magistrate  
City Centre  
Durgapur,  
West Bengal

Sub: Display of Environment Clearance (EC) of Neo Metaliks Ltd for 30 days.  
Ref: Govt of India, Ministry of Environment, Forest & Climate Change (MoEF&CC), vide F. No: IA-J11011/779/2007-IA.II(I), Dated-01/06/2022, as per EC, Miscellaneous Condition No. X(ii).

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Submitted for your kind perusal.

Thanking you,

Yours faithfully,


(Sanjay Kumar)  
DGM Commercial & Factory Manager  
Mobile No: 8420009968

Enclosure: Copy of Environment Clearance (EC) accorded from Ministry of Environment, Forest & Climate Change (MoEF&CC), vide F. No: IA-J11011/779/2007-IA. II(I), Dated-01/06/2022.

4001

JUN 2022



Factory Address : Vill- Gopalpur, P.O : Gopalpur Via Durgapur - 12, Dist. : Burdwan, West Bengal, PIN - 713212



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](mailto:info@neometaliks.com)  
Website: [www.neometaliks.com](http://www.neometaliks.com), CIN: U27109WB2003PLC097231

To  
The Block Development Officer  
Kanksa Block  
District- Paschim Bardhaman  
West Bengal

Date: 06-06-2022

Sub: Display of Environment Clearance (EC) of Neo Metaliks Ltd for 30 days.  
Ref: Govt of India, Ministry of Environment, Forest & Climate Change (MoEF&CC), vide F. No: IA- 111011/779/2007-IA.II(I), Dated-01/06/2022, as per EC, Miscellaneous Condition No. X(ii).

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Thanking you,

Yours faithfully,

  
Factory Manager  
For NEO METALIKS LTD.  
Gopalpur, Durgapur-12

(Sanjay Kumar Jha)  
DGM Commercial & Factory Manager  
Mobile No: 8420009968



Enclosure: Copy of Environment Clearance (EC) accorded from Ministry of Environment, Forest & Climate Change (MoEF&CC), vide F. No: IA-111011/779/2007-IA. II(I), Dated- 01/06/2022.





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Tel.: + 91 33 4050 4050, Fax: + 91 33 2217 7317, E-mail: info@neometaliks.com  
Website: www.neometaliks.com, CIN: U27109WB2003PLC097231

To  
The Prodhan  
Gopalpur Gram Panchayat  
P.O. & Vill- Gopalpur  
District- Paschim Bardhaman  
West Bengal

Date: 06-06-2022

Sub: Display of Environment Clearance (EC) of Neo Metaliks Ltd for 30 days.  
Ref: Govt of India, Ministry of Environment, Forest & Climate Change (MoEF&CC), vide F. No: IA-J11011/779/2007-IA.II(I), Dated-01/06/2022, as per EC, Miscellaneous Condition No. X(ii).

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Thanking you,

Yours faithfully,

Factory Manager  
For NEO METALIKS LTD.  
Gopalpur, Durgapur-12

(Sanjay Kumar Jha)  
DGM Commercial & Factory Manager  
Mobile No: 8420009968

Enclosure: Copy of Environment Clearance (EC) accorded from Ministry of Environment, Forest & Climate Change (MoEF&CC), vide F. No: IA-J11011/779/2007-IA. II(I), Dated- 01/06/2022.

Received

6-6-2022





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

To  
The Mayor  
Durgapur Municipal Corporation  
City Centre,  
Durgapur  
West Bengal

Date: 06-06-2022

Sub: Display of Environment Clearance (EC) of Neo Metaliks Ltd for 30 days.  
Ref: Govt of India, Ministry of Environment, Forest & Climate Change (MoEF&CC), vide F. No: IA-J11011/779/2007-IA.II(I), Dated-01/06/2022, as per EC, Miscellaneous Condition No. X(ii).

Respected Sir,

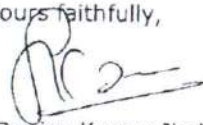
We, Neo Metaliks Limited are the leading Pig Iron manufacturer having its manufacturing units 215M<sup>3</sup> Blast Furnace, Sinter plant and Captive Power Plant at P.O + Vill- Gopalpur, Durgapur, Bamunara Industrial area. We would like to inform you that, M/s Neo Metaliks Ltd, Gopalpur, Durgapur-12, District - Paschim Bardhaman, West Bengal has been granted Environment Clearance (EC) vide letter no. F. No. IA-J-11011/779/2007-IA. II(I), Dated - 01/06/2022 for expansion and upgradation of Pig Iron Manufacturing Plant to 0.4 MTPA capacity and inclusion of steel melting shop from Ministry of Environment, Forest & Climate Change (MoEF&CC) under the provision EIA notification 2006.

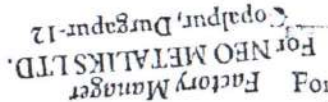
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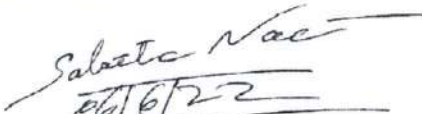
Thanking you,

Yours faithfully,

  
(Sanjay Kumar Jha)  
DGM Commercial & Factory Manager  
Mobile No: 8420009968

  
Factory Manager  
For NEO METALIKS LTD.  
Gopalpur, Durgapur-12

Enclosure: Copy of Environment Clearance (EC) accorded from Ministry of Environment, Forest & Climate Change (MoEF&CC), vide F. No: IA-J11011/779/2007-IA. II(I), Dated-01/06/2022.

  
26/6/22  
Received Not Verified  
Durgapur Municipal Corporation

Factory Address : Vill : Gopalpur, P.O. : Gopalpur Via Durgapur - 12, Dist. : Durdwan, West Bengal, PIN : 713212





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

To  
Office of the ADGP Zone-I (East)  
Asansol Durgapur Police Commissionerate  
Durgapur  
West Bengal

Date: 06-06-2022

Sub: Display of Environment Clearance (EC) of Neo Metaliks Ltd for 30 days.  
Ref: Govt of India, Ministry of Environment, Forest & Climate Change (MoEF&CC), vide F. No: IA- J11011/779/2007-IA.II(I), Dated-01/06/2022, as per EC, Miscellaneous Condition No. X(ii).

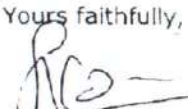
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Yours faithfully,

  
Factory Manager  
For NEO METALIKS LTD.  
Gopalpur, Durgapur-12

(Sanjay Kumar Jha)  
DGM Commercial & Factory Manager  
Mobile No: 8420009968

Enclosure: Copy of Environment Clearance (EC) accorded from Ministry of Environment, Forest & Climate Change (MoEF&CC), vide F. No: IA-J11011/779/2007-IA. II(I), Dated-01/06/2022.





Park Plaza, 21 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: U27109WB2003PLC027231

To  
The Chief Executive Officer  
Asansol Durgapur Development Authority  
City Centre,  
Durgapur  
West Bengal

Date: 06-06-2022

Sub: Display of Environment Clearance (EC) of Neo Metaliks Ltd for 30 days.  
Ref: Govt of India, Ministry of Environment, Forest & Climate Change (MoEF&CC), vide F. No: IA-J-11011/779/2007-IA.II(I), Dated-01/06/2022, as per EC, Miscellaneous Condition No. X(ii).

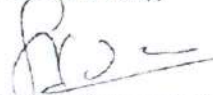
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Thanking you,

Yours faithfully,

  
(Sanjay Kumar Jha)

Factory Manager  
For NEO METALIKS LTD.  
Gopalpur, Durgapur-12

DGM Commercial & Factory Manager  
Mobile No: 8420009968



Enclosure: Copy of Environment Clearance (EC) accorded from Ministry of Environment, Forest & Climate Change (MoEF&CC), vide F. No: IA-J-11011/779/2007-IA. II(I), Dated-01/06/2022.





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Tel.: +91 33 4050 4050, Fax: +91 33 2217 7317, E-mail: Info@neometaliks.com  
Website: www.neometaliks.com, CIN: U27109WB2003PLC097231



To  
The Regional Pollution Office  
West Bengal Pollution Control Board  
City Centre,  
Durgapur  
West Bengal

Date: 06-06-2022



Sub: Display of Environment Clearance (EC) of Neo Metaliks Ltd for 30 days.  
Ref: Govt of India, Ministry of Environment, Forest & Climate Change (MoEF&CC), vide F. No: IA J11011/779/2007-IA.II(I), Dated-01/06/2022, as per EC, Miscellaneous Condition No. X(ii).

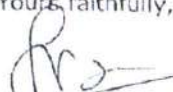
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Factory Manager  
For NEO METALIKS LTD.  
Gopalpur, Durgapur-12

(Sanjay Kumar Jha)  
DGM Commercial & Factory Manager  
Mobile No: 8420009968

Enclosure: Copy of Environment Clearance (EC) accorded from Ministry of Environment, Forest & Climate Change (MoEF&CC), vide F. No: IA-J11011/779/2007-IA. II(I), Dated-01/06/2022.



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Tel.: + 91 33 4050 4050, Fax: + 91 33 2217 7317, E-mail: info@neometaliks.com  
Website: www.neometaliks.com, CIN: U27109WB2003PLC097231



To  
The I/C Kanksa  
Kanksa Police Station  
District- Paschim Bardhaman  
West Bengal

Date: 06-06-2022

Sub: Display of Environment Clearance (EC) of Neo Metaliks Ltd for 30 days.  
Ref: Govt of India, Ministry of Environment, Forest & Climate Change (MoEF&CC), vide F. No: IA-111011/779/2007-IA.II(I), Dated-01/06/2022, as per EC, Miscellaneous Condition No. X(ii).

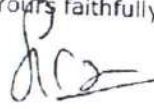
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For NEO METALIKS LTD.  
Gopalpur, Durgapur-12

(Sanjay Kumar Jha)  
DGM Commercial & Factory Manager  
Mobile No: 8420009968

Enclosure: Copy of Environment Clearance (EC) accorded from Ministry of Environment, Forest & Climate Change (MoEF&CC), vide F. No: IA-111011/779/2007-IA. II(I), Dated-01/06/2022.



Factory Address : Vill : Gopalpur, P.O. : Gopalpur Via Durgapur - 12, Dist. : Bardhaman, West Bengal





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Tel.: + 91 33 4050 4050, Fax: + 91 33 2217 7317, E-mail: info@neometaliks.com  
Website: www.neometaliks.com, CIN: U27109WB2003PLC097231

Date: 06-06-2022

To  
Office of Police Commissioner  
Asansol Durgapur Police Commissionerate  
EVELYN LODGE, Asansol  
West Bengal

Sub: Display of Environment Clearance (EC) of Neo Metaliks Ltd for 30 days.  
Ref: Govt of India, Ministry of Environment, Forest & Climate Change (MoEF&CC), vide F. No: IA- 111011/779/2007-IA.II(I), Dated-01/06/2022, as per EC, Miscellaneous Condition No. X(ii).

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DGM Commercial & Factory Manager  
Mobile No: 8420009968



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Content not verified  
Received Section,  
Police Office, A.D.P.C  
Signature .....  
06/06/2022