

File No: MSPL -U1 /Env Compl / December'24

Date: 01.12.2024

To,  
The Deputy Director General of Forest  
Ministry of Environment, Forest & Climate Change  
Integrated Regional Office (IRO), Kolkata, IB – 198, IB Block,  
Sector – III, Salt Lake City, Kolkata - 700106  
West Bengal.

**Subject:** Six Monthly Compliance report for the **Period of April'2024 to September'2024** of M/S Maithan Steel & Power Limited (Unit –I) located at Vill – Bonra, Tehsil & PS – Neturia, Dist – Purulia, West Bengal.

**Ref:** EC No: IA/WB/IND1/423883/2023 dated 20<sup>th</sup> November 2023

Respected Sir / Madam (s),

With respect to the above subject, we are hereby submitting the six monthly compliance reports period from **April '2024 to September'2024** for **Environment Clearance (EC)** vide letter No: **IA/WB/IND1/423883/2023** dated 20<sup>th</sup> November 2023 for **Expansion of Sponge Iron Plant ( 1,76,000 TPA to 4,20,000 TPA ) , Ferro Alloy Plant (30,000 TPA to 70,000 TPA [Fe – Mn, Si- Mn, Fe- Si & Pig Iron Combined])**, along with existing **Iron ore Sinter Plant( 80,000 TPA) & Iron ore Washery ( 2,40,000 TPA) and Captive Power Plant (20 MW to 32 MW [WHRB – 24 MW & AFBC – 8 MW])** located at Vill – Bonra, Tehsil & PS – Neturia, Dist – Purulia, West Bengal in the name of M/S Maithan Steel & Power Limited(Unit – I), in soft copy format vide mail.

Hope you will find the same in order.

Thanking you

Yours faithfully

For, M/S Maithan Steel & Power Limited



Director  
(Authorised Signatory)



C.C

1. The Regional Director, Central Pollution Control Board (Eastern Zonal Office), G97V + H5Q, Kasba New Market, Sector E, East Kolkata Township, Kolkata, West Bengal – 700107.

2. The Environment Engineer, Asansol Regional Office, West Bengal Pollution Control Board, Dr. B.C.

Registered Office: Asansol, Dist -- Paschim Bardhaman, WB – 713301.

9, A.J.C Bose Road, Ideal Centre,  
6th Floor, Kolkata-700 017

© +91 33 4085 7200

Works: Unit-I  
P.O. Bonra, P.S.: Neturia - 723121,  
Dist.: Purulla, (WB)

Works: Unit-II

Chittaranjan Road, Dendua More,  
P.O & P.S.: Salanpur - 713357,  
Dist.: Paschim Bardhaman (WB)

Enclosures:

- ✓ 1. Compliance Report for Environmental Clearance.
- ✓ 2. Copy of Consent to Operate as **Annexure – I**
- ✓ 3. Copy of Consent to Establish as **Annexure –II**
- ✓ 4. Copy of Online Continuous Emission Monitoring (OCEMS) Data from April 2024 to September 2024 as **Annexure – III**
- ✓ 5. Copy of Stack Emission Monitoring Report as **Annexure – IV**
- ✓ 6. Copy of Fugitive / Workzone Air Emission Report as **Annexure – V**
- ✓ 7. Copy of AAQM Report as Annexure as **Annexure – VI**
- ✓ 8. Copy of Water Analysis Report as **Annexure – VII**
- ✓ 9. Copy of Pre-Monsoon & Post – Monsoon Ground Water Analysis Report as **Annexure – VIII**
- ✓ 10. Copy of Ambient & Work zone Noise Quality Analysis Report as **Annexure – IX**
- ✓ 11. Copy of Occupational Health Report as **Annexure – X**
- ✓ 12. Copy of CER Cost as **Annexure –XI**
- ✓ 13. Copy of Environmental Policy as **Annexure – XII**
- ✓ 14. Copy of News Paper Advertisement regarding grant of EC from MoEF&CC, New Delhi as **Annexure – XIII**
- ✓ 15. Copy of Intimation letter to the Local Administration regarding grant of EC from MoEF&CC as **Annexure – XIV**



**Registered Office:**  
9, A.J.C Bose Road, Ideal Centre,  
6th Floor, Kolkata-700 017  
☎ +91 33 4085 7200

CIN: U27102WB2001PLC093321

**Works: Unit-I**  
P.O. Bonra, P.S. : Neturia - 723121,  
Dist.: Purulia, (WB)

🌐 [www.maithansteel.com](http://www.maithansteel.com)

**Works: Unit-II**  
Chittaranjan Road, Dendua More,  
P.O & P.S.: Salanpur - 713357,  
Dist.: Paschim Bardhaman (WB)

☎ 8651540007

**Six Monthly EC Compliance Report of M/S Maithan Steel & Power Ltd (Unit –I)**  
**for the Period**  
**of**  
**April'2024 - September'2024**



**Half Yearly Compliance Report**

**On**

**Environmental Clearance Conditions**

**(MoEFCC letter Ref. No: IA/WB/IND1/423883/2023 Dated 20.11.2023)**

**Period : April 2024 – September 2024**

**Submitted By :**

**M/S Maithan Steel & Power Limited**

**Located At, Vill + Post – Bonra, PS & Tehsil – Neturia**

**Dist – Purulia, West Bengal**



## HALF YEARLY EC COMPLIANCE REPORT

**Name of the Project** : Expansion of the Sponge Iron Plant (1,76,000 TPA to 4,20,000 TPA), Ferro Alloys Plant (30,000 TPA to 70,000 TPA [Fe-Mn, Si-Mn, Fe-Si & Pig Iron combined), along with existing Iron Ore Sinter Plant (80,000 TPA), Iron Ore Washery Plant (2,40,000 TPA) & Captive Power Plant (20 MW to 32 MW, [WHRB-24MW & AFBC- 8 MW]) by M/s. Maithan Steel & Power Limited located at Vill + PO- Bonra, PS & Tehsil- Neturia, Dist- Purulia, West Bengal.

**Clearance Letter No. with date** : EC No- IA/WB/IND1/423883/2023 dated 20.11.2023

**Period of Compliance Report** : April, 2024 to September, 2024

### A. Specific Conditions:

Sr. No	Condition(s)	Compliance Status
i.	This Environmental Clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.	Noted & Agreed.
ii.	The project proponent shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendation made in the EIA / EMP in respect of environmental management and risk mitigation measures relating to the project shall be implemented.	We are submitting the Six Monthly Compliance in Parivesh portal within the stipulated time. Environmental protection measures like installation of APCD, plantation, implementation of ZLD etc. will be duly complied as per the commitments made to the Ministry. All the recommendations will be followed as mentioned in the EIA report during the installation of each proposed unit. i. Installation of ESP & Bag filters to achieve 30mg/Nm3 emission standard. ii. Designing of RWH & garland drain. iii. Provision of PPE kit and implementation of all safety norms. iv. Installation of effluent treatment plant (ETP) etc.
iii.	The project proponent shall utilize modern technologies for capturing of carbon emitted and shall also develop carbon sink / carbon sequestration resources capable of capturing more than emitted. The implementation report shall be submitted to the IRO, MoEF&CC in this regard	Noted & will be complied. The action plan to implement the Carbon Sequestration initiatives will be prepared and the implementation report will be submitted to the Ministry



iv.	Saontal Motha (~ 0.2 km, SSW), Dhangajor (~ 0.9 km ENE), Goaladih (~ 0.9 Km West) and Bonra (~ 1.0 km, NW) and other sensitive areas falls within the study area of the project site. Proponent shall take appropriate environmental safeguard measures to minimise the impact of habitation of the locals. PP needs to strengthen green belt all around the plant area to reduce the dust pollution. The PP shall also include some of these locations in its environmental monitoring programme.	Being Complied with and will be complied to..
v.	Machkanda Jora is at a distance of 0.8 km in the East direction of the project site . A robust and full proof Drainage Conservation scheme to protect the natural drainage and its flow parameters ; along with the Soil Conservation scheme and multiple Erosion control measures shall be implemented.	Noted for compliance.
vi.	The water requirement 2750 KLD shall be obtained from Damodar River only after necessary permission from the competent Authority. No ground water abstraction is permitted.	Already being Complied. For the current operational plant, water requirement is fulfilled by surface water from Damodar Valley Corporation (DVC) after obtaining the permission from the concerned authority. So, ground water is not abstracted for the project. The same practice will be followed in future too.
vii.	Three tier Green Belt shall be developed in at least 33% of the project area as per the plan committed all along the project site of adequate width and tree density shall not be less than 2500 ha. 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. PP shall also develop green belt in the form of shelter belt comprising of total of 6 rows of 2x2 m planation with tall trees & broad leaves with thick canopy along with wind shield inside the plant premises to act as a green barrier for air pollution & noise level towards Saontal Motha (~ 0.2 km, SSW), Dhangajor (~ 0.9 km ENE), Goaladih (~ 0.9 Km West) and Bonra (~ 1.0 km, NW) and other sensitive areas. Compliance status in this regard, shall be submitted to the concerned Regional office of the MoEF&CC .	Noted and will be Complied. Green belt development is already continued inside the plant project premises and a dedicated team of workers is continuously engaged for planting trees and saplings. More than 3899 trees are planted inside and outside the plant premises within the 2021-22 financial year, 1651 saplings are planted in the year 2022-23, 966 nos of saplings were planted in 2023-24 and for the ongoing financial year 2024-25, current reporting period 730 nos of saplings are planted. Therefore, the total nos. of trees are 6895 in the green belt. Further, action plan regarding the greenbelt as per the EC directives will be prepared and the implementation report will be submitted to the concerned IRO office of the MoEFCC.
viii.	All the commitments made towards socio-economic development of the nearby villages shall be satisfactorily implemented. The action plan based on the social impact assessment study of the project as per the EMP in accordance to the Ministry's OM dated 30.09.2020 amounting to Rs.2.17 Crores shall be strictly implemented and progress shall be submitted to the Regional Office of MoEF&CC.	Being Complied. The public hearing issues will be complied as per the provisions mentioned in the said OM of MoEF&CC. The timeline as committed to the Ministry will be adhered to. The CER activities carried out in this period is attached as Annexure XI.



ix.	The PP shall undertake village adoption programme , prepare and implement the action plan to develop them into model villages.	Noted & will be complied.
x.	PP shall install digital display board at the plant gate.	Being Complied
xi.	PP shall prepare a comprehensive housekeeping plan and implement on regular basis.	Already being complied and will be complied too.
xii.	PP shall provide PTFE Bag Filters in the existing as well as proposed expansion project. The Bag Filters in the existing 200 TPD DRI Plant (PTM type) shall be replaced with PTFE Bags within a year.	Noted and will be complied.

**B. General Conditions:**

Sr. No	Condition (s)	Compliance Status
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.	Agreed & complied. Before starting the construction activity, Consent to Establish (NOC) permission is provided from the West Bengal Pollution Control Board for the EC accorded project vide NOC No. 164590, Memo No. 658-2N-52/2018(E) dated 08.10.2021. The Consent to Establish permission is attached as Annexure- II.
II.	<b>Air quality monitoring and preservation</b>	
Sr. No	Condition(s)	Compliance Status
i.	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission as well as 04 Nos. 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 system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited Laboratories.	Being Complied and will be complied too. At present the Online Continuous Emission Monitoring System (OCEMS) for all the process stack of the existing units are as per CPCB guidelines and the 24x7 online data is transferred to RTDAS server continuously through online portal. The daily average data for the reporting period is enclosed as Annexure- III. Stack Emission is monitored at 2x100 TPD & 01 x 350 TPD Sponge Iron Plant, 20 MW Captive Power Plant & Stack of the Ferro Alloy Plant by third party monitoring agency which is NABL accredited laboratory. OCEMS Data are attached as Annexure –III & Stack Emission Report is enclosed as Annexure- IV. CAAQMS will be installed shortly as it is under construction phase.



		<p>At present Ambient Air Quality (AAQ) is monitored at four locations (3 Locations outside &amp; 1 Location inside the plant premises) by third party monitoring agency which is NABL accredited laboratory.</p> <p>AAQ Report is enclosed as Annexure- VI.</p>
ii.	<p>The project proponent shall carryout Continuous Ambient Air Quality monitoring for common / criterion parameters relevant to the main pollutants released (eg. PM<sub>10</sub>, and PM<sub>2.5</sub> in reference to the PM emission, and SO<sub>2</sub> and NO<sub>x</sub> in reference to SO<sub>2</sub> and NO<sub>x</sub> emissions)</p>	<p>Being Complied.</p> <p>The management of MSPL (M/s Maithan Steel &amp; Power limited) is monitoring criteria pollutants level namely – PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions of PM) by third party monitoring agency. Emission levels of pollutants of different units are displayed on information board as per CPCB format outside the main gate of the plant for disclosure to the public and also uploaded with compliance report on the website of the company.</p>
iii.	<p>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.</p>	<p>Being Complied.</p> <p>Fugitive emission monitoring has been carried out on regular interval in each quarter by a third party monitoring agency. The fugitive emission is monitored at each critical points of the existing operational plant. The monitoring report is attached as Annexure - V.</p>
iv.	<p>Sampling Facility at the process stack shall be provided as per CPCB guidelines for manual monitoring of emissions.</p>	<p>Being Complied.</p> <p>Sampling facility at all process stacks have been/will be provided as per the CPCB guidelines for the manual monitoring</p>
v.	<p>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>	<p>Being complied.</p> <p>Existing operational plant (2x100 TPD &amp; 01x350 TPD Sponge Iron Plant) is equipped with ESP, DSC, WHRB and ID Fan to meet the standard below prescribed limit and Bag Filter with ID fan are connected to Raw Material Handling Plant, Cooler Discharge, Intermediate Bin &amp; Product House along with Conveyor Belts are covered with metal sheet for controlling fugitive emission.</p> <p>To mitigate the fugitive emission movable water tanker &amp; fixed sprinklers have been used inside the plant premises. Dedicated manpower is continuously engaged to control the fugitive emission inside the plant premises.</p> <p>The practice will be continued in future too.</p>



vi.	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.	Being Complied From visual observation of stack emissions and differential pressure check in bag house, damage of bags is detected & damage bags are replaced taking shutdown of Cooler Discharge, Raw Material Handling Plant, Intermediate Bin, Product House. In running condition bags are cleaned by pulse air jet using cleaning timer cycle.
vii.	Sufficient number of mobile or stationary vacuum cleaners shall be provided to clean plant roads, shop floors, roofs regularly.	Agreed and will be complied. We are in a process of engaging mechanical sweeping machine to clean plant roads, shop floors, roofs regularly.
viii.	Ensure covered transportation and conveying of raw material to prevent spillage and dust generation. The project proponent use leak proof trucks / dumpers carrying coal and other raw materials and cover them with tarpaulin.	Being Complied. Trucks transporting materials especially fine materials are/will be covered with tarpaulin and being/will be made sure to prevent spillage proof.
ix.	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.	Being complied. For the current operational plant (2x100 & 01 x350 TPD Sponge Iron Plant, 20 MW CPP & 02 X 9MVA SEAF Furnace), APC dust is dumped in abandoned mine area and the dolochar that is generated are used in the FBC of Captive Power Plant for power generation. The same practice will be adopted in future too.
x.	The project proponent shall provide primary and secondary fume extraction system at all melting furnaces.	Being Complied. The primary and secondary fume extraction system is installed in the Submerged Arc Furnace of the Ferro Alloy Unit.
xi.	Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.	Agreed and will be Complied. The wind shelter fence will be constructed at the raw material stock piles and will be completed within a stipulated time.
xii.	Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.	Being Complied. Natural ventilation system is implemented in the existing project. These best practices will be followed in construction work of the future expansion project as well.

II. Air quality monitoring and preservation		
Sr. No	Condition(s)	Compliance Status
xiii.	Pollution control system in the plant shall be provided as per the CREP Guidelines of CPCB.	Agreed and will be complied
xiv.	The project proponent shall adopt the Clean Air practices like mechanical collectors, wet scrubbers, fabric filters (Bag House), electrostatic precipitators, combustion systems (thermal oxidizers), condensers,	All required environmental protection measures such as greenbelt development all along plant boundary, pollution control equipment's such as ESPs, Bag filter's, covered conveyors and dust





	absorbers, absorbers and biological degradation. Controlling emissions related to transportation shall include emission controls on vehicles as well as use of cleaner fuels. Sufficient 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.	suppression systems etc. are provided and operated duly ensuring environmental safeguard measures to minimize the impact on the surrounding ecology. Apart from that, sufficient numbers of mobile sprinkler system are deployed inside the project premises and also in the surrounding villages to arrest the fugitive dust emission.
xv.	Bag Filters shall be cleaned regularly and efficiency of bag filter system shall be monitored at regular intervals.	Being complied and will be complied too.
xvi.	Water Sprinklers / Water mist system shall be installed near material yards , operational units and other strategic locations to control fugitive emissions from the plant.	Being complied and will be complied too.
xvii.	The particulate matter emissions from the process stacks shall be less than 30 mg / Nm <sup>3</sup> and measures shall be undertaken as per the submitted action plan. Efficient Air monitoring equipment shall be installed.	Already being complied. The Management is very much concerned about keeping the stack emission level within limit as per the CTO norms for the existing operational plant. Online Continuous Emission Monitoring System (OCEMS) is attached with the major stacks connected to the operational plant. Consent to Operate Copy is attached as Annexure – I The same practice will also be followed in future.
xviii.	Following additional arrangements to control fugitive dust shall be provided: a. Fog / Mist Sprinklers at all on bulk raw material storage area (at the transfer points) like Iron Ore, Coal, Fly Ash and similar solid waste storage areas. b. Proper covered vehicle shall be used while transport of materials. c. Wheel washing mechanism shall be provided in entry and exit gates with complete recirculation system.	Being Complied. a) We have already installed installed the fixed sprinkler systems to conveyor belt, raw material handling area, along with road, dry fog system at bag house area etc. to the existing unit. Movable water tanker is available to suppress road dust. To control fugitive emission more sprinkler systems will be installed in future. b) For the current operational plant all raw material is coming to the plant through fully covered trucks by tarpaulin. c) Noted for Compliance.
xix	Briquetting and Jigging Plant shall be installed in Ferro Alloys Plant.	Being complied. Jigging Plant in the Ferro Alloys Unit already installed and in operation.
xx	The PP shall minimize the evaporation losses in jigging operation to less than 10% using suitable advanced process.	Being complied with as the jigging plant is under operation.
xxi	The 4 <sup>th</sup> hole extraction system shall be provided in the Sub Merged Arc Furnaces and EAF.	Being Complied with.
Sr. No	Condition(s)	Compliance Status
xxii.	Industry is going to use silica quartz in large quantities and going to produce Silico Manganese and Ferro	Noted for compliance.



	Silicon alloy steel. Therefore, it is necessary to control silica/quartz exposures at production departments, not only emission norms as per Indian Factories Act. The permissible limit for silica / quartz should be within 10 mg /m <sup>3</sup> for dust as per Indian Factories Act .Therefore, it is recommended to monitor personal and area exposures for silica quartz dust in process plants.	
xxiii.	During operational phase at Captive Power Plant, Action Plan to monitor coke /coal dust exposures in different process plant using personal and area air samplers and to compare with permissible limits as per Indian Factories Act , 1948 shall be implemented.	Noted for compliance.
xxiv.	The coal dust should be monitored at coal unloading, crushing, furnace areas and should be within 2 mg / m <sup>3</sup> , respirable dust fraction containing less than 5 % quartz as per Indian Factories Act, 1948.  i. The industry should estimate the total dust emitted from the stacks in tonnes / month and submit this to IRO MoEFCC, once in six months.  ii. The PP to install CO sensors with alarm system, at Strategic locations inside the Plant.	Noted for compliance.
III.	<b>Water quality monitoring and preservation</b>	
Sr. No	Condition(s)	Compliance Status
i.	The project proponent shall install 24x7 effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	No waste water is discharged outside the plant premises as the plant is based on "Zero Liquid Discharge" concept.  For the current operational plant (2x100 & 01 x 350 TPD Sponge Iron Plant, 20 MW Captive Power Plant & 30,000 TPA Ferro Alloys Plant), water is only used for cooling which is reused in process and the domestic waste water is reused for developing green belt and dust suppression system with movable water tanker.  The same practice will be adopted in future. Water quality is being monitored Near Office Area by third party monitoring agency which is NABL accredited laboratory. Water Analysis Report is attached as Annexure- VII.
Sr. No	Condition(s)	Compliance Status



ii.	The project proponent shall monitor regularly the 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 recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories	Agreed and Being Complied. We test periodically the ground water quality at Factory Premises, Murulia Village, Mautha Village and Bonra Village in the month of March (Pre monsoon) & September (Post monsoon). Post Monsoon Ground Water Analysis Report is attached as Annexure- VIII.
iii.	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.	Agreed. Garland drains are under construction to arrest the surface run off water during the event of rain in our existing unit. Surface water is collecting in a pit & recycling it in the process. The same practice will be obeyed in future.
iv.	Water meters shall be provided at the inlet to all unit processes in the plants.	Complied. Water meter has been installed at our inlet and the same practice will be continued for the future expansion project as well.
v.	The project proponent shall make efforts to minimize water consumption in the plant complex by segregation of used water , practicing cascade use and by recycling treated water.	Noted and will be Complied.
vi.	The proposed project shall be designed as 'Zero Liquid Discharge 'Plant. ETP shall be installed and there shall be no discharge of effluent from the plant. Domestic effluent shall be treated in the Sewage Treatment Plant .Suitable measures shall be adopted for sewage water handling to ensure no contamination of any kind of water body.	Noted and will be complied.
vii.	All stockyards shall have impervious flooring and shall be equipped with water spray system for dust suppression. Stock yards shall also have garland drains and catch pits to trap the run off material and shall be implemented as per the action plan submitted in EIA / EMP report.	Being complied and will be complied too. Sponge Iron are stored on the concrete floor, Coal are stored under cover shed and other raw materials are covered with tarpaulin cover. Fixed water sprinkler are installed and mobile water tanker is used for dust suppression.
viii.	Rain water harvesting shall be implemented to recharge / harvest water as per the action plan submitted in the EIA / EMP report.	Noted for compliance.
ix.	Air Cooled condensers shall be used in the captive power plant.	Noted for compliance.

IV. Noise monitoring and preservation		
Sr. No	Condition(s)	Compliance Status
i.	Noise Pollution shall be monitored as per the prescribed Noise Pollution (Regulation and Control) Rules, 2000 and amendments thereof, and report in this regard shall be submitted to Regional Officer of	Noted & Being complied. Noise Monitoring is being done on regular basis by WBPCB/ MoEF&CC/ NABL accredited laboratories. Green vision lab, West Bengal which is NABL/



	the Ministry as a part of six-monthly compliance report.	MoEFCC accredited laboratory has done the source noise analysis at one location viz. Near DRI Area, Captive Power Plant Area, and Ferro Alloy Area and ambient noise analysis report at three locations viz. Near Main Gate, Near Bonra Village & Near Murulia Village in the month of September, 2024.  The Ambient & Work Zone Noise quality monitoring reports are attached in Analysis Report as Annexure– IX.
ii.	The ambient noise levels should conform to the standards prescribed under E(P) A Rules, 1986 viz. 75 dB(A) during night time.	Being Complied. The Ambient & Work Zone Noise quality monitoring reports are attached in Analysis Report as Annexure– IX.
iii.	PP shall identify extreme hot areas through heat stress survey as well as noise monitoring within the process plants to ensure that workers not exposed above 90 Db(A) levels as per Factories Act, 1948.	Noted for compliance.

<b>V.</b>	<b>Energy conservation measures</b>	
<b>Sr. No</b>	<b>Condition (s)</b>	<b>Compliance Status</b>
i.	Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.	Agreed and Complied. Solar lights systems are already installed and solar panels are installed beside road.
ii.	Provide LED lights in their offices and residential areas.	Being Complied. LED lights are already installed in the office area.
iii.	The project proponent shall provide waste heat recovery system on the DRI kilns.	Being Complied. The waste heat generated from the existing DRI plants are used in WHRB based CPP.
iv.	The dolochar generated shall be used for power generation.	Being Complied. Dolochar that is generated in the DRI , are used in the AFBC Boiler of the operational plant for power generation.
v.	Tar shall be recovered from the producer gas and shall be sold to registered processors and phenolic water shall be incinerated in After Burning Chamber (ABC) of DRI Kilns.	Not Applicable for the existing operational plant.
vi.	The PP shall implement the guidelines on sponge iron plants issued by CPCB/ SPCB in this regards.	Noted for compliance.

<b>VI.</b>	<b>Waste management</b>	
<b>Sr. No</b>	<b>Condition (s)</b>	<b>Compliance Status</b>
i.	Oil Collection pits shall be provided in oil cellars to collect and reuse / recycle spilled oil.	Being Complied. The collected used oil is stored in a container temporarily on the specific unit and immediately it



		being transported to the central Store for further disposal of the same to an authorized processor.
ii.	Kitchen waste shall be composted or converted to biogas for further use.	Being Complied. The kitchen waste is composted and is used as manure in the gardening.
iii.	100 % utilisation of fly ash shall be ensured. All the Fly Ash shall be provided to cement and brick manufacturers for further utilisation and Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office .	Noted for compliance.
iv.	The Plastic Waste Management Rules 2016, inter alia, mandated banning of identified Single Use Plastic (SUP) items with effect from 01/07/2022. In this regard, CPCB has issued a direction to all the State Pollution Control Boards (SPCBs) / Pollution Control Committees (PCCs) on 30/06/2022 to ensure the compliance of Notification published by Ministry on 12/08/2021. The technical guidelines issued by the CPCB in this regard is available at <a href="http://cpcb.nic.in/technical-guidelines-3/">http://cpcb.nic.in/technical-guidelines-3/</a> . All the project proponent are hereby requested to sensitize and create awareness among people working within the Project area as well as its surrounding area on the ban of SUP in order to ensure the compliance of Notification published by the Ministry on 12/08/2021. A report, along with the photographs , on the measures taken shall also be include in the six monthly compliance report being submitted by the project proponents.	Noted and will be complied.
v.	A proper action plan must be implemented to dispose of the electronic waste generated in the industry.	Noted. All the e-waste are/will be collected at Central Store and subsequently disposed to authorized recycler/dismantler.
vi.	Solid waste utilisation a) PP shall install a slag crusher to convert steel slag into aggregate for use in construction industry, fine sand for use as flux in steel plant, sand in brick making and as lime in cement making. b) PP shall recycle /reuse solid waste generated in the plant as far as possible. c) Used refractories shall be recycled as far as possible.	a) Not applicable to the existing operational plant.  b) Solid waste management practices as per EC for operational plant.  c) Used refractories are being sold out to refractory unit for recycle.



vii.	SMS slag after metal recovery in waste recycling facility shall be conditioned and used for road making, railway track ballast and other applications. The project proponent shall install a waste recycling facility to recover metallic and flux for recycle to sinter plant. The project proponent shall establish linkage for 100% reuse of rejects from Waste Recycling Plant.	Not Applicable to the existing operational unit.
viii.	Carbon recovery plant to recover the elemental carbon present in GCP slurries for use in Sinter plant shall be installed .	Not Applicable to the existing operational unit.
ix.	Waste Recycling Plant shall be installed to recover scrap, metallic and flux for recycling to sinter plant and SMS.	Not Applicable to the existing operational unit.
x.	The ESP dust must be agglomerated before disposal in exhausted mines. The dust must be recycled inside the Plant, wherever possible.	Being complied with. In the current operational plant the APC dust is dumped in the abandoned opencast mines.
<b>VII. Green Belt</b>		
<b>Sr. No</b>	<b>Condition (s)</b>	<b>Compliance Status</b>
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 by trees.	Noted for compliance.
ii.	Project proponent shall submit a study report on Decarbonization programme, which would essentially consist 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.	Noted for compliance.
iii.	Greening and Paving shall be implemented in the plant area to arrest soil erosion and dust pollution from exposed soil surface.	Noted and will be complied. The plantation of grass, flowers , bushes and trees is /will be taken up to reduce the generation of dust from the bare earth and to enhance the aesthetic value.
<b>VIII. Public hearing and health issues</b>		
<b>Sr. No</b>	<b>Condition (s)</b>	<b>Compliance Status</b>
i.	Emergency preparedness plan based on the Hazard Identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Already being complied with. We have prepared the HIRA & Disaster Management Plan and conducted training accordingly.



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.	Noted and will be complied. The workmen have been provided PPE like asbestos apron, gloves, safety shoes and color glasses. Workmanship are being rotated periodically.
iii.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP. Safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Noted for compliance.
iv.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained.	The Occupational health surveillance of the workers is being periodically assessed and records are being maintained as per the Factories Act 1948. OHS records are attached as Annexure.
<b>IX. Environment Management</b>		
<b>Sr. No.</b>	<b>Condition(s)</b>	<b>Compliance Status</b>
i.	The project proponent shall comply with the provisions contained in this Ministry's OM vide F. No. 22-65/2017-IA.III dated 30.09.2020. As part of the Corporate Environmental Responsibility (CER) activity, company shall adopt nearby villages based on the socio-economic survey and undertake community developmental activities in consultation with the village Panchayat and the District Administration as committed.	<b>Being Complied</b> The public hearing issues will be complied as per the provisions mentioned in the said OM of MoEF&CC. The timeline as committed to the Ministry will be adhered to. The cost incurred in CER is being carried out for social development and welfare measures in the surrounding villages. The CER detail is attached as Annexure - XI
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 shareholder's/ 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.	<b>Already being complied with.</b> The company has a well laid down environment policy duly approved by Board of Directors at the entrance gate. Standard Operating Procedure for individual equipment's have been printed and distributed to supervisors for ready reference. Important parameters have been displayed in working area. It is revised time to time. Revised Environmental Policy is enclosed as Annexure- XII
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.	<b>Agreed.</b> A separate Environment Management Cell is working under Workmen Controller (WMC) who is also organizational head. All abnormalities and deviations are directly reported to him, who take



		up the matter with Board of Directors for immediate action and budgetary provision.
iv.	Performance Test shall be conducted on all Pollution control systems every year and report shall be submitted to Integrated Regional Office of the MoEF &CC .	Agreed and it will be complied.
X.	Miscellaneous	
Sr. No.	Condition (s)	Compliance Status
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 in at least 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.	<p>Already being complied with.</p> <p>Accorded Environmental Clearance was published in Pratham Khabar (Bengali Newspaper) on 24.11.2023, &amp; The Purulia Times (English Newspaper) on 24.11.2023 and also in company's website.</p> <p>The EC Advertisement Copies are enclosed as Annexure - XIII</p>
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.	<p>Being Complied</p> <p>The Intimation Copies Submitted to the Local Bodies are enclosed as Annexure - XIV</p>
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.	<p>Agreed to update on six-monthly basis.</p> <p>In compliance to the point, report is uploaded on the company's website.</p>
iv.	The project proponent shall monitor the criteria pollutants levels 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.	<p>Agreed and complied too.</p> <p>The management of MSPL (M/s. Maithan Steel &amp; Power Limited) is monitoring criteria pollutants level namely- PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions of PM) by third party monitoring agency. Emission levels of pollutants of different units is displayed on information board as per CPCB format outside the main gate of the plant for disclosure to the public and also uploaded with compliance report on the website of the company.</p>
Sr. No.	Condition (s)	Compliance Status
v.	Action Plan for developing connecting and internal road in terms of MSA as per IRC guidelines shall be implemented.	Noted for compliance.





vi.	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.	Agreed and complied.  Six-monthly report on the status of compliance of the stipulated environmental conditions are being submitted to MoEFCC and is displayed in the website of the industry. Status of the compliance of the stipulated conditions are updated on MoEFCC portal 2.0.
vii.	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.	Already being complied with & will be continued too.  For the financial year 2022-23, Environmental Statement in prescribed format was submitted to the West Bengal Pollution Control Board vide MSPL-I/ ENV_Statement/ 2023-24 dated 05.09.2023.  The Form- V (Environmental Statement) for the financial year (2023-24) has been submitted on 30 <sup>th</sup> Sep'2024
viii.	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 and informed.  For the current operational plant, the Date of financial closure is 20-10-2022. We got CTE dated 08-10-2021 and commencing the land development work is 12-01-2022. Start of production will be by 31-03-2025.
ix.	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 & is being complied.
x.	The recommendations of the approved Site –specific Wildlife Management Plan (in case of involvement of Schedule –I species) shall be implemented in consultation with the State Forest Department. The implementation report along with the six monthly compliance report to the concerned Regional office of the MoEF&CC.	Not applicable  As there is no schedule I species in the area having 10 km radius from the plant site as per the Flora and Fauna list by the Forest Department, Govt. of West Bengal.
xi.	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 and being complied.  All the data to be provided will be strictly adhered to the best practices and no false information will be submitted.
xii.	The PP shall put all the environment related expenditure, expenditure related to Action Plan on the PH issues, and other commitments made in the EIA/EMP Report etc. in the company web site for the information to public / public domain. The PP shall also put the information on the left over funds allocated to EMP and PH as committed in the earlier ECs and shall be carried out and spent in next three years , in the	Noted.  All the commitments made during the Public Hearing and also during the EC Presentation will be followed as per the time frame and also all the information related to environment related expenditure, expenditure related to Action Plan on the PH issues will be displayed and will be kept updated in the company website



	company web site for the information to public / public domain.	
xiii	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change (MoEF&CC).	<b>Noted and Complied</b> No further expansion or modifications in the plant will be done prior to obtaining the approval from MoEF&CC.
xiv.	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	<b>Agreed.</b>
xv.	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	<b>Agreed.</b> will follow any additional condition if given by the respected authority.
xvi.	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.	<b>Noted and will be complied.</b> Cooperation in the fully extended manner will be provided to the Regional Office by furnishing the requisite data / information/monitoring reports.
xvii.	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.	<b>Noted and will be complied.</b> Will respect Honorable NGT in this regard.



# ANNEXURE – I

(Copy of Consent to Operate)



# WEST BENGAL POLLUTION CONTROL BOARD

'Paribesh Bhawan'  
Bldg. No. - 10A, Block - LA, Sector-III  
Salt Lake City, Kolkata-700 098



Consent Letter Number : C0134698

Memo Number : 373-15200/Reg./Pol./Cont/82/02

Date : 31.08.2023

## Consent to Operate

under

Section 25 & 26 of the Water (Prevention and Control of Pollution) Act, 1974 and  
Section 21 of the Air (Prevention and Control of Pollution) Act, 1981

The West Bengal Pollution Control Board (hereinafter referred to as State Board) under the provisions of Section 25 & 26 of the Water (Prevention and Control of Pollution) Act, 1974, as amended and Section 21 of the Air (Prevention and Control of Pollution) Act, 1981, as amended and Rules and Orders made thereunder, hereby grants its consent to :

M/s Maithan Steel & Power Ltd

(Address of Regd. office/Head/Office/City Office)

(hereinafter referred to as Applicant) for its unit located at Vill+ PO - Bonna, PS - Neturia,  
Dist - Purulia, PIN - 723121

(Detailed address of the manufacturing unit)

for a period from 01.09.2023 to 31.08.2028

to operate the industrial unit and to discharge liquid effluent and to emit gaseous effluent from the premises/land of the industrial unit, in accordance with the conditions as mentioned in the Annexure to this consent letter provided on any day at any instance the quantity and quality of liquid discharge and gaseous emission shall not exceed the permissible limit as specified in the Table I & II of this consent letter and in the Environmental (Protection) Act, 1986.

Breach of the conditions and / or failure to comply with the directions as set out in the Annexure shall render the applicant liable for prosecution under the provisions of the Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981.

The State Board reserve the right to revoke, withdraw or make any reasonable variation / change / alter the conditions of this consent letter giving one month's notice to the applicant.



For and on behalf of the State Board

(Member Secretary/Chief Engr./ Sr. Env. Engr. / Env. Engr. / Asst. Env. Engr.)



31/08/23

(2)

ANNEXURE

Consent to M/s. Maitthan Steel & Power Ltd.  
for its unit at vill + PO - Borra, P.S - Neturia, Dist - Purulia  
PIN- 723121

Conditions :

01. This Consent is valid for the manufacture of :-

Sl. No.	Name of major products and by-products	Quantity manufactured per month
01	Sponge Iron	5000 tonnes
02		
03		
04		
05		
06		
07		
08		
09		
10		
11		
12		

02. The Applicant shall remain responsible for quantity and quality of liquid effluent and air emissions.
03. Daily discharge of industrial liquid effluent shall not exceed ..... - ..... KL.
04. Daily discharge of domestic liquid effluent shall not exceed ..... 03 ..... KL.
05. Daily discharge of mixed (industrial & domestic) liquid effluent shall not exceed ..... - ..... KL.
06. The Applicant shall discharge liquid effluent to ..... Soak pit ..... (place of discharge) through ..... 01 (one) ..... nos. outlets / outfalls.
07. To bring into any altered or new outlet/outfall or to change the place of discharge, the Applicant shall have to inform the Board and obtain prior permission of the Board in this effect.
08. The Applicant shall provide comprehensive facility for treatment of industrial liquid waste and domestic liquid waste (sewage, sullage and liquid effluent generated from canteen), and operate and maintain the same continuously so that the quality of final effluent conforms to the Standard as given in Table-I in page 03.

(Member Secretary/Chief Engr./ Sr. Env. Engr./ Env. Engr. / Asst. Env. Engr.)



Continued.....



(4)

Consent to M/s Maithan Steel & Power Ltd.  
 for its unit at vill + PO - Bonza, PS- Neturia, Dist- Purulia,  
PIN - 723121

11. The Applicant shall install suitable device for measuring the volume of water consumed for different purposes as mentioned above giving correct result to the satisfaction of the State Board.
12. All the stacks connected to various sources of emissions must be designated by numbers such as S-1, S-2, S-3, etc., and this must be painted/displayed to facilitate identification.
13. The Applicant shall install comprehensive control system consisting of pollution control equipment as is warranted with reference to generation of air emissions and operate and maintain the same continuously so as to achieve the level of pollutants of the Standard as given in Table-II below :

Table-II

Stack No.	Stack height from G.L. (in mts.)	Stack attached to (sources and control system. if any):	Volume Nm <sup>3</sup> /hr.	Velocity of gas emission m/sec	Concentrations of parameters not to exceed				Frequency of emission sampling
					SPM (mg/Nm <sup>3</sup> )	CO (%v/v)			
S-1	32	2 x 100 TPD Rotary kiln			100	1	-	-	Quarterly
S-2	30	Cooler Discharge			100	-	-	-	-
S-3	30	Product House			100	-	-	-	-
S-4	30	Intermediate Bin - I			100	-	-	-	-
S-5	30	Intermediate Bin - II			100	-	-	-	-
S-6	30	Coal Crusher			100	-	-	-	-
S-7	19.5	1 x 860 KVA DG Set			150	1	-	-	-
S-8	18	1 x 330 KVA DG Set			150	1	-	-	-
S-9									
S-10									

12/01/13

(Member Secretary/Chief Engr./ Sr. Env. Engr./ Env. Engr./ Asst. Env. Engr.)



Continued.....

(5)

Consent to M/s Maithan Steel & Power Ltd  
 for its unit at vill + PO - Barwa, PS - Neturia, Dist - Purulia  
P/N - 723121

14. The Applicant shall provide ports in the stack(s) and other necessary permanent facilities such as ladder, platform, etc. for monitoring/sampling the air emissions and the same shall be made available for inspection and use by the State Board's staff as well as State Board's authorised agencies.

15. The Applicant shall observe the following fuel consumption pattern :-

Sl. No	Type of fuel	Quantity consumed per day	Fuel burning operation where the fuel is used
01	Coal	5140 tonnes/month	DRI Kiln
02	HSD	-	DCr Set
03			
04			
05			

16. The Applicant shall maintain the generation and treatment/disposal of non-hazardous solid waste as specified below :-

Type of waste	Quantity	Treatment	Disposal
Dolo - char	1500 tonnes/month	-	Send to Power plant
Kiln Accretion	400 tonnes/year	-	road construction
APCD Dust	200 tonnes/month	-	land filling

17. The Applicant shall take adequate measures for control of noise levels from its own sources within the premises within the limit given below :-

Time	Limit in dB(A) $L_{eq}$
Day Time (06 a.m. to 10 p.m.)	75
Night Time (10 p.m. to 06 a.m.)	70

18. The Applicant shall at all times maintain good house-keeping, proper working order, and operate efficiently for control of pollution from all sources so as not to cause nuisance to surrounding areas/inhabitants and to achieve compliance with the terms and conditions of the consent.
19. The Applicant shall bring about at least 33% of the available open land under the green coverage / plantation.
20. The Applicant shall provide for an alternate electric power source sufficient to operate all pollution control facilities installed by the Applicant to maintain compliance with the terms and conditions of the consent. In absence of such an alternate electric power source, the Applicant shall stop, reduce or otherwise control production to abide by the terms and conditions of the Consent regarding pollution level.
21. The Applicant shall install a separate energy meter showing the consumption of energy for operation of pollution control devices.
22. The Applicant shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
23. The Applicant shall provide drainage system for conveying industrial and domestic liquid waste. Storm-water drain shall be kept separate from the drainage system meant for industrial and domestic liquid waste

31/12/13

(Member Secretary/Chief Engr. / Sr. Env. Engr. / Env. Engr. / Asst. Env. Engr.)



Continued .....



Consent to M/s Maithan Steel & Power Ltd.  
 for its unit at vill + PO - Bonta, PS - Neturia, Dist - Purulia,  
PIN - 723121

24. The Applicant shall maintain a separate register showing consumption of chemicals used in pollution control systems.
25. The Applicant shall get the samples of hazardous wastes/leachates analysed at least once in ..... from the laboratory recognised of the West Bengal Pollution Control Board and ensure that they conform to the limits stipulated. Test reports shall be sent to the Board.
26. The Applicant shall provide adequate and safe facility for collection of air, waste water and solid waste samples by the State Board's staff as well as State Board's authorised agencies.
27. The Applicant shall submit to the State Board by the 30th September of every year the Environmental Statement Report for the financial year ending 31st March of the current year in the prescribed form (Form -V) as required under the provisions of rule 14 of the Environment (Protection) [Second Amendment] rules, 1992.
28. The Applicant shall allow the Officers of the State Board to enter into the applicant's premises at any reasonable time to inspect the pollution control systems as well as monitoring and measuring devices in connection with prevention & control of pollution.
29. The Applicant shall maintain an Inspection Book in the factory premises which shall be made available to Officers & employees of the State Board for inspection, review and to write down any direction or observation as is deemed necessary during the inspection from time to time.
30. The Application shall furnish to the State Board all information in respect of quality, quantity, rate of discharge, place of discharge of liquid effluent and air emissions.
31. The Applicant shall maintain adequate number of qualified and trained personnel among his staff for proper maintenance and operation of the effluent treatment and / or emission control devices and for overall environment management of the industry.
32. The Applicant shall have to make registration for the use of groundwater if any, with Central Ground Water Authority.
33. The Applicant shall intimate to the State Board immediately of any occurrence or apprehension of occurrence of discharge of any poisonous, noxious or pollutants in excess of quality as well as quality as mentioned earlier to any receiving water body/receiving system or to atmosphere owing to accident or other unforeseen incident/event including natural disaster. The Applicant Shall (i) take all steps adequate to prevent such accident discharge/release of poisonous, noxious or pollutants and to limit their consequences to persons and the environment, (ii) provide to the persons working on the site with the information, training and equipment including antidotes necessary to ensure their safety and mitigate the accidental release of poisonous noxious or pollutants to the environment.
34. The Applicant shall make an application to the State Board in the prescribed form for renewal of the consent at least 60 (sixty) days before the date of expiry of this Consent.
35. The Applicant shall not make any alternation/modification/expansion in the existing manufacturing process and equipment as well as the pollution control system without prior approval of the Board.
36. The Applicant shall comply with the conditions as laid down in the Manufacture, Storage and Import of hazardous Chemicals Rules, 1989 and Hazardous Wastes (Management & Handling) Rules, 1989.

**Additional Conditions**



(Member Secretary/Chief Engr./ Sr. Env. Engr. / Env. Engr. / Asst. Env. Engr.)

31/08/23



## Government of West Bengal

This document having UDIN **24-G-GA000004-C-1717072733790** has been created by **WEST BENGAL POLLUTION CONTROL BOARD** with authorised person's Aadhaar no XXXXXXXX9477 on **06:08PM, May 30, 2024**.

This document is available at UDIN platform till 06:08PM, May 30, 2029.



*Sibansu Mukherjee*

Authorised Signatory  
(E-signed)  
Department of IT&E

The document is downloaded from <https://udin.wb.gov.in/>





**WEST BENGAL POLLUTION CONTROL BOARD**  
**Paribesh Bhawan, 10A, Block LA, Sector III**  
**Salt Lake City, Bidhan Nagar, Kolkata – 700 106, INDIA**  
 Website : www.wbpcb.gov.in, e-mail : wbpcbnet@wbpcb.gov.in

**Category of the Industry : RED**

**Application Type: CTO**

**CTO No.: WBPCB/4853105/2024**

**Date : 30/05/2024**

**Consent to Operate (CTO) under Section 25 & 26 of the Water (Prevention and Control of Pollution) Act, 1974 as amended and Section 21 of the Air (Prevention and Control of Pollution) Act, 1981 as amended.**

**Reference: Application No.: 4853105**

The West Bengal Pollution Control Board (hereinafter referred to as State Board) under the provisions of Section 25 & 26 of the Water (Prevention and Control of Pollution) Act, 1974 as amended and Section 21 of the Air (Prevention and Control of Pollution) Act, 1981 as amended, and Rules and Orders made thereunder hereby grants Consent to **Maithan Steel & Power Ltd, Unit I** (hereinafter referred to as Applicant) for its unit located at **Vill & PO: Banora, PS: Neturia, District: Purulia, Pin-723121** for the period from **30/05/2024 to 31/08/2028** to operate the industrial unit/project and to discharge liquid effluent and gaseous emission from the premises / land of the industrial unit/project, in accordance with the conditions as mentioned below, provided that on any day at any instance the quantity and quality of liquid discharge and gaseous emission shall not exceed the permissible limit as specified in this consent letter and in the Environment (Protection) Act, 1986 and Rules thereunder, as amended.

Breach of the conditions and / or failure to comply with the directions as mentioned below shall render the industry/project liable for prosecution under the provisions of the Water (Prevention and Control of Pollution) Act, 1974 as amended and Section 21 of the Air (Prevention and Control of Pollution) Act, 1981 as amended.

The State Board reserve the right to revoke, withdraw or make any reasonable variation / change / alter the conditions of this consent letter giving one month's notice to the industry.

**Conditions :**

- 1 This Consent is valid for the following activities :

Sl.No	Name of Activity/Products/By-products	Production Capacity (Per Month)
1	Ferro Alloy(Fe-Mn)	9500 Metric Tonnes/Year
2	Ferro Alloy (Si -Mn)	7000 Metric Tonnes/Year
3	Sponge Iron (01x350 TPD DRI)	112000 Metric Tonnes/Year
4	Ferro Alloy (Fe-Si)	3500 Metric Tonnes/Year
5	CAPTIVE POWER (through WHRB)	12 Megawatt
6	CAPTIVE POWER (through AFBC)	8 Megawatt
7	Pig Iron (using 02x9 MVA SEAF)	10000 Metric Tonnes/Year

- 2 The industry shall remain responsible for quantity and quality of liquid effluent and air emission.
- 3 Daily waste water generation and discharge shall not exceed :

No. of outlets	Source of Waste Water	Quantity in Kilo Liters/day	Place of discharge
	Industrial Process	339 KLD	Recycled
1	Domestic	45	Through Septic tank/soak pit

"This is computer generated document from OCMMS by WBPCB"



WBPCB/4853105/2024

Page 1



- 4 To bring into any altered or new outlet / outfall or to change the place of discharge, the industry shall have to inform the Board and obtain prior permission of the Board in this effect.
- 5 The industry shall provide comprehensive facility for treatment of industrial liquid waste and domestic liquid waste (sewage, sullage and liquid effluent generated from canteen), and operate and maintain the same continuously so that the quality of final effluent conforms to the Standard as given below:

Outlet No.	Nature of effluent	Parameters and standard			Frequency of sampling
		Parameters	Standards	Unit	
01	Domestic	pH	5.5 to 9.0		Yearly
		Total suspended Solid (TSS)	100	mg/L	
		Chemical Oxygen Demand (COD)	250	mg/L	
		Biological Oxygen Demand (BOD)	30	mg/L	
		Oil & Grease	10	mg/L	

Provisions shall be made to install sensor-based Water Quality monitoring system and flow meter to share the information with the state board on a Real Time basis.

- 6 Daily water consumption for the following purposes shall not exceed

SL NO.	Purpose of Water Use	Quantity (KL/Day)
1.	Industrial	1695.0
2.	Domestic	50.0

- 7 The Industry shall install suitable digital device for measuring the volume of water consumed for different purposes as mentioned above giving correct result to the satisfaction of the State Board. The device shall be able to provide information to disseminate the quantity on a real time basis.
- 8 All the stacks connected to various sources of emissions must be designated by numbers.
- 9 The industry shall install comprehensive pollution control equipment and operate and maintain the same to conform to the standard as given below:



"This is computer generated document from OCMMS by WBPCB"

WBPCB/4853105/2024

Page2



Stack height from ground level (m)	Stack attached to emission sources	Capacity of emission source	Cons up-Unit	Fuel details		Control system(if any)	Concentrations of parameters not to exceed						Frequency of sampling	Remarks	
				Fuel used	Quantity		PM(mg/N m3)	CO(%)	Acid Mist(mg/N m3)	Pb(mg/Nm 3)	SO2(mg/N m3)	NOX (mg/Nm3)			Others
55	Kilns	350	Metri c Tonne s/Day	Coal	350 Metri c Tonne s/Day	WHR B and ESP installed	30	1						Quart erly	01 nos x 350 TPD DRI Kiln with 01 nos of main RCC stack
30		0	Metri c Tonne s/Day	Electr icity	50 Kilo Watt Hr		30							Quart erly	Produ ct house
30	Coole r exit	0	Metri c Tonne s/Day	Electr icity	50 Kilo Watt Hr		30							Quart erly	Coole r Disch arge
32		9000	KVA	Electr icity	7.5 Mega Watt Hour		30							Quart erly	02 nos of 9 MVA SEAF Furna ce with 01 no. of MS stack (com mon)
30		0	Metri c Tonne s/Day	Electr icity	100 Kilo Watt Hr		30							Quart erly	Inter media te Bin
30		0	Metri c Tonne s/Day	Electr icity	50 Kilo Watt Hr		30							Quart erly	Coal Crush er
56	Boiler	8	Mega Watt Hour	Coal	102 Metri c Tonne s/Day		30	1						Quart erly	AFBC based CPP (8 MW)
30		0	Metri c Tonne s/Day	Electr icity	50 Kilo Watt Hr		30							Quart erly	Stock house

10 The industry shall provide ports in the stack(s) and other necessary permanent facilities such as ladder, platform etc. for monitoring / sampling the air emissions and the same shall be made available for inspection and use by the State Board's staff as well as State Board's authorized agencies.

11 Waste generation, treatment and disposal shall be as specified below :



"This is computer generated document from OCMMMS by WBPCB"

WBPCB/4853105/2024

Page 3



S.No	Description of Waste	Quantity	Treatment and Disposal
1	Kiln Accretion	94 Metric Tonnes/Month	To use for road construction and also disposed in opencast mine
2	Si - Mn Slag	642 Metric Tonnes/Month	To be sold to cement plant
3	Dolochar	1497 Metric Tonnes/Month	Will be used in FBC boiler in CPP for power generation
4	CPP Flyash	1934 Metric Tonnes/Month	Sent to brick manufacturer & to cement plant
5	CPP Bed ash	274 Metric Tonnes/Month	To be sent to brick plant
6	Dust from APCD	1214 Metric Tonnes/Month	To be used in Sinter Plant & will be disposed in opencast mines for mine backfilling
7	Fe - Mn Slag	1058 Metric Tonnes/Month	To be used as raw material for Si -Mn production
8	Pig Iron Slag	1334 Metric Tonnes/Month	To be granulated and sold to cement plant

The Industry shall obtain Authorisation for waste and also register for EPR wherever applicable.

- 12 The industry shall take adequate measures for control of noise level from its own sources within the premises within the limit given below :

Time	Limit in dB (A) Leq
Day time (06 a.m. to 10 p.m.)	65
Night time (10 p.m. to 06 a.m.)	55

Noise barriers should be installed if the Noise Level is found to be exceeding the desired levels.

- 13 The industry shall at all times maintain good house-keeping and control pollution (including fugitive emissions) from all sources to maintain clean environment in & around factory premises and in surrounding areas.
- 14 The Industry shall bring about at least 33% of the total land area under the tree cover.
- 15 The Industry shall provide sufficient alternate electric power source like Green DG or Storage Battery System etc. to operate all pollution control facilities. In absence of such alternate power source, the production shall be stopped/controlled to conform to the conditions of the Consent.
- 16 The industry shall install a separate energy meter showing the consumption of energy for operation of pollution control devices and shall install suitable device for measuring the volume of water consumed for different purposes as mentioned in Sl.No. 3.
- 17 The Industry shall provide drainage system for discharge of industrial and domestic effluent and a separate drainage system for storm-water.
- 18 The industry shall maintain a separate register showing consumption of chemicals used in pollution control systems.
- 19 The Industry shall get the samples of hazardous wastes / leachates analysed at least once in a year from a laboratory recognised by the West Bengal Pollution Control Board and ensure that they conform to the limits stipulated. Test reports shall be sent to the Board.
- 20 The Industry shall submit the Environmental Statement Report for the financial year ending 31st March of the current year in the prescribed form (Form V) as required under the provisions of Rule 14 of the Environment (Protection) [Second Amendment] Rules 1992 by 30th September of every year, to the WBPCB.
- 21 The Industry shall allow the officers of the State Board to enter into the premises of the unit at any reasonable time to inspect the pollution control systems and shall provide adequate and safe facility for collection of air, wastewater and solid waste samples for monitoring by the State Board as well as by authorized agencies of the State Board, as and when required by them.

"This is computer generated document from OCMMIS by WBPCB"



WBPCB/4853105/2024

Page4



- 22 The industry shall maintain an Inspection Book in the factory premises which shall be made available to inspecting officers of the State Board for inspection, review and to write down any direction or observation as is deemed necessary during the inspection.
- 23 The Industry shall furnish to the State Board all information in respect of quality, quantity, rate of discharge, place of discharge of liquid effluent and air emission.
- 24 The Industry shall maintain adequate number of qualified and trained personnel among its staff for proper maintenance and operation of the effluent treatment and/or emission control devices and for overall environment management of the industry.
- 25 The Industry shall have to make registration for the use of groundwater if any, with State Water Investigation Directorate (SWID).
- 26 The Industry shall intimate to the State Board immediately of any occurrence or apprehension of occurrence of discharge of any poisonous, noxious or pollutants in excess of quality as well as quantity as mentioned earlier to any receiving water body/receiving system or to atmosphere owing to accident or other unforeseen incident/event including natural disaster. The Applicant shall (i) take all steps adequate to prevent such accident discharge / release of poisonous, noxious or pollutants and to limit their consequences to persons and the environment, (ii) provide to the persons working on the site with the information, training and equipment including antidotes necessary to ensure their safety and mitigate the accidental release of poisonous noxious or pollutants to the environment.
- 27 If the Industry is using Diesel Generator set or generating any other hazardous waste, it should install a Digital Display Board to discriminate all information as stipulated in this regard.
- 28 The industry shall make an application to the State Board in the prescribed form for renewal of the consent at least 120 (one hundred & twenty) days before the date of expiry of this Consent.
- 29 The industry shall not make any alteration / expansion / modification in the existing manufacturing process and equipment, pollution control system and shall not alter or bring in any new outlet/outfall or stack or change the place of discharge, without prior approval of the Board.
- 30 The industry shall comply with all applicable Environmental Acts and Rules.
- 31 The Industry shall comply with the provisions of relevant Waste Management Rules and also submit Annual Returns / Manifests on regular basis.
- 32 Concealing factual data or submission of false or fabricated data/information may result in revocation of Consent to Operate and attract action under the provisions of the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981.

### Special Conditions:

1. The conditions imposed in the EC issued by the MoEF & CC, GoI dt. 26.07.2021 and CTE issued by the State Board dt. 08.10.2021 shall be strictly complied with.
2. Continuous Emission Monitoring Systems shall be installed at the process stacks.
3. Adequate greenbelt shall be developed as per the EC condition.



"This is computer generated document from OCMMS by WBPCB"

WBPCB/4853105/2024

Page 5



Any violation of the aforesaid conditions shall entail cancellation of this Consent for Operate.

For and on behalf of West Bengal Pollution Control Board

Rasinha

30/05/2024

Senior Environmental Engineer  
Operation & Execution Cell



*"This is computer generated document from OCMMS by WBPCB"*

WBPCB/4853105/2024

Page 6





## **ANNEXURE – II**

**(Copy of Consent to Establish)**



SPED POST

NOC NO 164590

# WEST BENGAL POLLUTION CONTROL BOARD

Paribesh Bhawan  
10A, Block - LA, Sector III, Bidhannagar  
Kolkata - 700 105



Memo No. 658-2N-52/2018(E)

Dated 08/10/2021

From:  
Member Secretary,  
West Bengal Pollution Control Board

To: M/s. Maithan Steel & Power Limited,  
9, A.J.C. Bose Road, Ideal Centre, 6th Floor, Kolkata-700 017.

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

Ref: i) Your letter No. MSPL-I/NOC-App/EIM-WBPCB/21-22/01 Dated 25.09.2021  
ii) Environmental Clearance issued by MOEF&CC vide F.No. IA-J-11011/554/2017-IA, II (I) dtd. 26.07.2021.

Dear Sirs,

In response to the application for Consent to Establish (NOC) for proposed Unit of M/s Maithan Steel & Power Limited expansion of the existing 0.064 MTPA Sponge Iron to 0.17 MTPA Sponge Iron, 2X9MVA Arc Furnace for manufacturing of Ferro Alloys of 30,000 TPA (Fe-Mn, Si-Mn, Fe-Si & Pig Iron combined), Iron Ore Sinter plant of 80,000 TPA, 1X40TPH Iron Ore Washery of 2,06,000 TPA and 20MW Power Plant (WHRB-12MW & AFBC-8M) \* 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.  
\* at P.O.-Bonra, P.S.-Neturia, Dist.- Purulia, West Bengal.

1. The quality of sewage and trade effluent to be discharged from your factory shall satisfy the permissible limits as prescribed in IS : 2490 (PL 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. Mukherjee*  
Sr. Environmental Engineer  
W. B. Pollution Control Board  
Dept. of Environment, GoWB



NOC NO164590

7. You shall comply with
- Water (Prevention and Control of Pollution) Cess Act, 1977, if applicable.
  - Water (Prevention and Control of Pollution) Cess Act, 1978, if applicable.
  - Environment (Protection) Act, 1986
  - Environment (Protection) Rules, 1986
  - Hazardous Wastes (Management and Handling) Rules, 1989 and Amended Rules, 2000
  - Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 and Amended Rules, 2000
  - Manufacture, Use, Import and Storage and Hazardous Micro-Organisms, Genetically Engineered Organisms or Cell Rules, 1989
  - The Public Liability Insurance Act, 1991 and Amended Act, 1992
  - The Public Liability Insurance Rules, 1991 and Amended Rules 1993
  - Biomedical Wastes (Management & Handling) Rules, 1996 and Amended Rules 2000 if applicable.
  - Recycled Plastics Manufacture and Usage Rules 1999, if applicable and
  - Ozone Depleting Substances (Regulation & Control) Rules, 2000, if applicable
8. You will have to abide by any other stipulations as may be prescribed by any authority/local bodies/Government Departments etc.

**SPECIAL CONDITION :**

Total capital cost including land, building, plant & machinery is Rs.97 crores ( Ninety Seven Crores only).

Please refer to Annexure - A & B.

Any violation of the aforesaid conditions shall entail cancellation of this Consent to Establish (NOC)

Yours faithfully,

*[Signature]*  
Member Secretary / SR, ENV. ENGR.  
West Bengal Pollution Control Board (EIM CELL)  
Sr. Environmental Engineer  
Dated: 08/10/2021  
W. B. Pollution Control Board  
Dept. of Environment, GoWB

Memo No. 658 - 2N- 52/2018 (E) dtel. 08/10/2021  
Copy forwarded for information to :

- Chief Inspector of Factories, Government of West Bengal, N. S. Building, Kolkata-700 001
- Director of Industries/Director of Cottage & Small Scale Industries, Government of West Bengal, N. S. Building, Kolkata-700 001
- Guard file, West Bengal Pollution Control Board.
- Environmental Engineer, III/Alipur R.O./Howrah R.O./Hooghly R.O./B.R.O./D.R.O./Haldia R.O./S.R.O./Asansol/ Sub-R.O./WBPC Board

Himalaya Bhawan  
Delhi Road, Dankuni  
Dist. Hooghly

Vill, Panpur  
Kalyani Expressway  
P.O. Narayanpur  
Dist. 24 Pgs. (N)

Sahid Khudiram Sarani  
City Centre, Durgapur-16  
Dist. Burdwan

10, Camac Street  
2nd Floor  
Kolkata-700 017

Paribesh Bhawan  
10A, LA-Block, Sector-III  
Salt Lake City,  
Kolkata - 700 098

Block-05 at 40  
Flats Complex  
Adjacent to Priyambada  
Housing Estate  
P.O. : Khanjanchak,  
P.S. Durgachak  
Haldia-727602  
Dist. : Purba Medinipur

Panibahan Nagar  
Matigara, Siliguri  
Dist.-Darjeeling

Satya Chowdhury  
Indoor Stadium  
Balurchar Bandh Road  
Maida-732101

Asansol Sub-Regional Office  
ADDA Commercial Market (2nd Floor)  
Opposite Asansol Fire Station  
G.T. Road, Asansol-713 301

*[Signature]*  
Member Secretary / SR, ENV. ENGR.  
West Bengal Pollution Control Board (EIM CELL)  
Sr. Environmental Engineer  
W. B. Pollution Control Board  
Dept. of Environment, GoWB



Annexure - A to NOC Sl. No. NO164590

The unit configuration and capacity of existing and proposed project is given below:

Sl. No	Name	Existing configuration	Proposed Configuration	Final configuration After expansion	Final Production Capacity (TPA)	Proposed Stack Height (m)	Proposed Emission Control System
1.	DRI Kilns	2x100 TPD	1x350 TPD	2x100 TPD 1x350 TPD	1,76,000 Sponge Iron	42 m	ESP
a)	DRI Kiln Cooler Discharge/Exit	--	1x350 TPD			30 m	Bag Filter
b)	Stock House	--	01 No.			30 m	Bag Filter
c)	Coal Crusher	--	01 No.			30 m	Bag Filter
d)	Intermediate Bin	--	01 No.			30 m	Bag Filter
e)	Product House	--	01 No.			30 m	Bag Filter
7.	CPP (WHRB based)	--	12MW	12 MW	12 MW	In line with DRI kiln 1 x 350 TPD	Common with ESP of DRI Kiln of 350 TPD
8.	CPP (AFBC based)	--	8 MW	8 MW	8 MW	30 m	ESP with Pneumatic Ash Conveying System
9.	Ash Silo	--	1 No.			Vent of 5 m from Silo Top	Bag Filter
10.	Ferro Alloy Plant		2 x 9 MVA	2 x 9 MVA	30,000(Fe-Mn, Si-Mn, Fe-Si & Pig Iron combined)	30 m (Common)	02 nos. Bag Filter System & I.D Fan (Individual)

*W. B. Pollu*  
Sr. Environmental Engineer  
W. B. Pollution Control Board  
Dept. of Environment, GoWB



Sl. No	Name	Existing configuration	Proposed Configuration	Final configuration After expansion	Final Production Capacity (TPA)	Proposed Stack Height (m)	Proposed Emission Control System
11.	Iron Ore Sinter Plant (Head)	--	250 TPD	250 TPD	80,000	30 m	ESP
	Iron Ore Sinter Plant (Tail)	--				30 m	ESP
12.	Iron Washery	--	1 x 40 TPH	1 x 40 TPH	2,06,000	--	--
13	D.G. Sets	--	03 x 600 KVA	03 x 600 KVA	03 x 600 KVA	13 m (individual)	Exhaust Muffler & Acoustic Enclosure

*[Signature]*  
 Sr. Environmental Engineer  
 W. B. Pollution Control Board  
 Dept. of Environment, GoWB

*[Signature]*  
 Sr. Environmental Engineer (EIM Cell)/Member Secretary  
 West Bengal Pollution Control Board  
 Sr. Environmental Engineer  
 W. B. Pollution Control Board  
 Dept. of Environment, GoWB



**Annexure – B to NOC Sl. No. NO164590**

**Special Conditions issued to: M/s Maithan Steel & Power Limited at PO – Bonra, PS – Neturia, Dist - Purulia, West Bengal. (Expansion project)**

**I. Specific conditions**

1. Particulate Matter emissions from all the stacks shall not be exceed 30mg/Nm<sup>3</sup>.
2. Water supply from Damodar Valley Corporation (DVC) shall be used and abstraction of ground water shall be discontinued.
3. Rain Water harvesting shall be implemented but no recharge to the ground aquifer is permitted.
4. Water spray systems shall be included to control fugitive dust from raw material stockpiles.
5. Green belt shall be developed in 33% of the total area all along the entire periphery of the plant with a density of 2500 trees per ha.
6. 100 % solid waste generated in the facility shall be utilized.

**II. Air quality monitoring and preservation**

- i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission as well as 04 Nos. Continuous Ambient Air Quality Station (CAAQS) for monitoring AAQ parameters with respect to standards prescribed in Environment (Protection) Rules, 1986 as amended from time to time. The CEMS and CAAQMS shall be connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited labs.
- ii. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognised under Environment (Protection) Act, 1986 or NABL accredited labs.
- 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.
- iv. The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.
- 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.
- vi. The project proponent shall ensure covered transportation and conveying of ore, coal and other raw material to prevent spillage and dust generation.
- vii. The project proponent shall provide primary and secondary fume extraction system for all melting furnaces.
- viii. Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.

**III. Water quality monitoring and preservation**

- i. The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (protection) Rules 1986 as amended from time to time and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through NABL recognised labs.
- ii. The project proponent shall monitor regularly ground water qual it) 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.



*W. B.*  
08/10/2011  
Sr. Environmental Engineer  
W. B. Pollution Control Board  
Dept. of Environment, GoWB

**Annexure – B to NOC Sl. No. NO164590**

**Special Conditions issued to: M/s Maithan Steel & Power Limited at PO – Bonra, PS – Neturia, Dist - Purulia, West Bengal. (Expansion project)**

- iii. Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
  - iv. 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.
- IV. Noise, monitoring and prevention**
- i. Noise pollution shall be monitored as per the prescribed Noise Pollution (Regulation and Control) Rules. 2000.
- V. Energy Conservation measures**
- i. Energy conservation measures may be adopted such as adoption of solar energy and provision of LED lights etc. to minimize the energy consumption.
- VI. Waste management**
- i. Used refractories shall be recycled as far as possible.
  - ii. Kitchen waste shall be composted or converted to biogas for further use.
- VII. Green Belt**
- 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.
- VIII. Emergency Preparedness**
- i. Emergency preparedness plan based on the Hazard Identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
  - 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.
  - iii. Occupational health surveillance of the workers shall be done on a regular basis and records maintained.
- IX. General :-**
- 1) All conditions laid down in the Environmental Clearance obtained for the expansion project from MoEF&CC, GoI vide no. J-11011/554/2017-IA-II(I) dated 26.07.2021 must be strictly followed.
  - 2) Noise Control – Ambient noise & D. G. Set noise level not to exceed the permissible limit.
  - 3) No additional machinery / equipment can be installed without permission from this board.
  - 4) Adequate arrangement for dust suppression in raw material handling section to be provided.
  - 5) The conveyor belt for transferring materials to day bins & skip hoist to be covered.
  - 6) Good house-keeping to be maintained.
  - 7) All requisite permissions / compliance / certificates / licenses from the Competent Authority shall be obtained.
  - 8) Project proponent should not undertake any activity on any portion of land which is not under their possession.
  - 9) This NOC is valid up to 30.09.2028 for setting up the expansion project.



*Mukherjee*  
07/07/2024

**Sr. Environmental Engineer (EIM Cell)/Member Secretary  
West Bengal Pollution Control Board**

*Sr. Environmental Engineer*  
W. B. Pollution Control Board  
Dept. of Environment, GoWB

## **ANNEXURE – III**

**(Copy of OCEMS Data from April 2024 to September 2024)**





# MAITHAN STEEL & POWER

LIMITED STACK\_1\_DRI\_KILN\_Maithan\_Bonra\_WB

VILL.: BORA, P.O.: BONRA

Time Dimension - 365 Days Ago

Average - 1 Days



## **ANNEXURE – IV**

**(Copy of Stack Emission Monitoring Report)**





# GREENVISION

(A leading environmental research laboratory)  
Urvashi Malhar, Phase II, MEAV- 25, Bengal Ambuja Housing Complex,  
City Centre, Durgapur-713216  
Contact: 0343-2542377, email: [greenvision.dgp@gmail.com](mailto:greenvision.dgp@gmail.com)

## TEST REPORT OF STACK GAS ANALYSIS

[FORMAT NO. : GV/LAB/FM/33A]

Sample is drawn by <b>M/s. Greenvision</b>		<b>U.L.R. No. : TC1100324000000728F</b>	
Report No.	: GV/AR/24-25/230	Sample Ref. ID	: AS-150-2024(5)
Name of Customer	: M/s. Maithan Steel & Power ltd. (Unit – I)	Report Date	: 12.09.2024
Address of Customer	: P.O. : Bonra, P.S. : Neturia, Dist. : Purulia, Pin : 723121.	Date of Sampling	: 28.08.2024
Sample Description	: Stack Air	Sample Received On	: 28.08.2024
Sampling Location	: Rotary Kiln	Analysis Started On	: 29.08.2024
Sample Condition	: In GMF Thimble & Plastic Bottles	Analysis Completed On	: 29.08.2024
Sampling Method	: CPCB, Emission Regulation (Part III)	Time of Sampling	: 10:15 am
Testing Location	: At Laboratory		

### A. GENERAL INFORMATION ABOUT STACK

01. Particulars of plant	: Integrated Steel Plant (Sponge Iron Unit)		
02. Stack connected to	: Common Stack of Rotary Kiln No. 1 & 2 Through W.H.R.B.		
03. Material of construction	: M.S.		
04. Shape of stack	: Circular		
05. Height of stack from G.L (mtr)	: 33.0	from roof level (mtr)	: ---
06. Height of sampling from G.L (mtr)	: 20.0	from L.D.Z (mtr)	: ---
07. Internal stack diameter at sampling point (mtr)	: 1.8		
08. Emission due to	: Reduction of Pellet & Oxidation of Coal		
09. Steam generation capacity:	(rated) : ---	(running) : ---	
10. Load of source:	(rated) : 100 TPD X 2	(running) : Pellet : 7.3 TPH (Kiln 1)	6.0 TPH (Kiln 2)

### B. FUEL CHARACTERISTIC REPORT

01. Type of fuel used	: Coal		
02. Calorific value (K-Cal/Kg): ---	03. Ash content (% by Wt): ---	04. Sulphur content (% by Wt): ---	
05. Rated fuel consumption	: ---		
06. Working fuel consumption	: Kiln 1 : 4.3 TPH & Kiln 2 : 3.7 TPH		

### C. RESULTS OF GASEUS EMISSION SAMPLING

		Test Method
01. Flue gas temperature ( <sup>0</sup> C)	112	CPCB, Emission Regulation (Part III)
02. Barometric pressure (mm of Hg)	753.0	CPCB, Emission Regulation (Part III)
03. Velocity of flue gas (m/sec)	9.04	CPCB, Emission Regulation (Part III)
04. Quantity of gas flow (Nm <sup>3</sup> /hr.)	59883.55	CPCB, Emission Regulation (Part III)
05. Concentration of Particulate Matter (mg/ Nm <sup>3</sup> )	28.62	IS:11255 (Part 1), 1985, Reaffirmed 2014
06. Particulate Matter normalized at 12% CO <sub>2</sub>	35.78	IS:11255 (Part 1), 1985, Reaffirmed 2014
07. Concentration of SO <sub>2</sub> (mg/ Nm <sup>3</sup> )	212.12	IS:11255 (Part 2), 1985, Reaffirmed 2014
08. Concentration of NO <sub>2</sub> (mg/ Nm <sup>3</sup> )	101.46	IS:11255 (Part 3), 2008
09. Concentration of CO <sub>2</sub> (% V/V)	9.6	IS:13270:1992, Reaffirmed 2014
10. Concentration of CO (% V/V)	< 0.2	IS:13270:1992, Reaffirmed 2014

Pollution Control Device : ESP  
Permanent Ladder and Platform : Yes

Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager

(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager  
Authorised Signatory  
For, GREEN VISION



- Note: 1. This report refers to the values obtained at the time of testing and results related to the items tested.  
2. All the information under column A & B are supplied by the respective industry.  
3. This certificate may not be reproduced in part or full without written permission of the management.  
4. Retention period of tested sample (Thimble) is 6 months from the date of issue test report unless otherwise specified.



# GREEN VISION

(A leading environmental research laboratory)  
Urvashi Malhar, Phase II, MEAV- 25, Bengal Ambuja Housing Complex,  
City Centre, Durgapur-713216  
Contact: 0343-2542377, email: [greenvision.dgp@gmail.com](mailto:greenvision.dgp@gmail.com)

## TEST REPORT OF STACK GAS ANALYSIS

[FORMAT NO. : GV/LAB/FM/33A]

Sample is drawn by <b>M/s. Greenvision</b>		<b>U.L.R. No. : TC110032400000729F</b>	
Report No.	: GV/AR/24-25/233	Sample Ref. ID	: AS-150-2024(8)
Name of Customer	: M/s. Maithan Steel & Power Ltd. (Unit – I)	Report Date	: 12.09.2024
Address of Customer	: P.O. : Bonra, P.S. : Neturia, Dist. : Purulia, Pin : 723121.	Date of Sampling	: 28.08.2024
Sample Description	: Stack Air	Sample Received On	: 28.08.2024
Sampling Location	: Cooler Discharge	Analysis Started On	: 29.08.2024
Sample Condition	: In GMF Thimble	Analysis Completed On	: 29.08.2024
Sampling Method	: CPCB, Emission Regulation (Part III)	Time of Sampling	: 11:40 am
Testing Location	: At Laboratory		

### A. GENERAL INFORMATION ABOUT STACK

01. Particulars of plant	: Integrated Steel Plant (Sponge Iron Unit)		
02. Stack connected to	: Cooler Discharge of Kiln No. 1 & 2		
03. Material of construction	: M.S.		
04. Shape of stack	: Circular		
05. Height of stack from G.L (mtr)	: 25.0	from roof level (mtr)	: ---
06. Height of sampling from G.L (mtr)	: 15.0	from L.D.Z (mtr)	: ---
07. Internal stack diameter at sampling point (mtr)	: 0.5		
08. Emission due to	: Process Activities		
09. Steam generation capacity:	(rated) : ---	(running) :	---
10. Load of source:	(rated) : ---	(running) :	100 TPD X 2

### B. FUEL CHARACTERISTIC REPORT

01. Type of fuel used	: ---		
02. Calorific value (K-Cal/Kg): ---	03. Ash content (% by Wt): ---	04. Sulphur content (% by Wt): ---	
05. Rated fuel consumption	: ---		
06. Working fuel consumption	: ---		

### C. RESULTS OF GASEUS EMISSION SAMPLING

		Test Method
01. Flue gas temperature ( <sup>o</sup> C)	56	CPCB, Emission Regulation (Part III)
02. Barometric pressure (mm of Hg)	753.0	CPCB, Emission Regulation (Part III)
03. Velocity of flue gas (m/sec)	15.39	CPCB, Emission Regulation (Part III)
04. Quantity of gas flow (Nm <sup>3</sup> /hr.)	9773.18	CPCB, Emission Regulation (Part III)
05. Concentration of Particulate Matter (mg/ Nm <sup>3</sup> )	10.22	IS:11255 (Part 1), 1985, Reaffirmed 2014
06. Particulate Matter normalized at 12% CO <sub>2</sub>	---	IS:11255 (Part 1), 1985, Reaffirmed 2014
07. Concentration of SO <sub>2</sub> (mg/ Nm <sup>3</sup> )	---	IS:11255 (Part 2), 1985, Reaffirmed 2014
08. Concentration of NO <sub>2</sub> (mg/ Nm <sup>3</sup> )	---	IS:11255 (Part 3), 2008
09. Concentration of CO <sub>2</sub> (% V/V)	---	IS:13270:1992, Reaffirmed 2014
10. Concentration of CO (% V/V)	< 0.2	IS:13270:1992, Reaffirmed 2014

Pollution Control Device : Bag Filter  
Permanent Ladder and Platform : Yes

Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager



(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager  
Authorised Signatory  
For, GREEN VISION

- Note: 1. This report refers to the values obtained at the time of testing and results related to the items tested.  
2. All the information under column A & B are supplied by the respective industry.  
3. This certificate may not be reproduced in part or full without written permission of the management.  
4. Retention period of tested sample (Thimble) is 6 months from the date of issue test report unless otherwise specified.



# GREEN VISION

(A leading environmental research laboratory)  
Urvashi Malhar, Phase II, MEAV- 25, Bengal Ambuja Housing Complex,  
City Centre, Durgapur-713216  
Contact: 0343-2542377, email: [greenvision.dgp@gmail.com](mailto:greenvision.dgp@gmail.com)

## TEST REPORT OF STACK GAS ANALYSIS

[FORMAT NO. : GV/LAB/FM/33A]

Sample is drawn by <b>M/s. Greenvision</b>		U.L.R. No. : <b>TC110032400000730F</b>	
Report No.	: GV/AR/24-25/234	Sample Ref. ID	: AS-150-2024(9)
Name of Customer	: M/s. Maithan Steel & Power Ltd. (Unit – I)	Report Date	: 12.09.2024
Address of Customer	: P.O. : Bonra, P.S. : Neturia, Dist. : Purulia, Pin : 723121.	Date of Sampling	: 28.08.2024
Sample Description	: Stack Air	Sample Received On	: 28.08.2024
Sampling Location	: Product House	Analysis Started On	: 29.08.2024
Sample Condition	: In GMF Thimble	Analysis Completed On	: 29.08.2024
Sampling Method	: CPCB, Emission Regulation (Part III)	Time of Sampling	: 01:10 pm
Testing Location	: At Laboratory		

### A. GENERAL INFORMATION ABOUT STACK

01. Particulars of plant	: Integrated Steel Plant (Sponge Iron Unit)		
02. Stack connected to	: Product House of Kiln No. 1 & 2		
03. Material of construction	: M.S.		
04. Shape of stack	: Circular		
05. Height of stack from G.L (mtr)	: 25.0	from roof level (mtr)	: ---
06. Height of sampling from G.L (mtr)	: 7.62	from L.D.Z (mtr)	: ---
07. Internal stack diameter at sampling point (mtr)	: 0.6		
08. Emission due to	: Process Activities		
09. Steam generation capacity:	(rated) : ---	(running) :	---
10. Load of source:	(rated) : ---	(running) :	---

### B. FUEL CHARACTERISTIC REPORT

01. Type of fuel used	: ---		
02. Calorific value (K-Cal/Kg): ---	03. Ash content (% by Wt): ---	04. Sulphur content (% by Wt): ---	
05. Rated fuel consumption	: ---		
06. Working fuel consumption	: ---		

### C. RESULTS OF GASEUS EMISSION SAMPLING

		Test Method
01. Flue gas temperature ( <sup>o</sup> C)	42	CPCB, Emission Regulation (Part III)
02. Barometric pressure (mm of Hg)	753.0	CPCB, Emission Regulation (Part III)
03. Velocity of flue gas (m/sec)	8.18	CPCB, Emission Regulation (Part III)
04. Quantity of gas flow (Nm <sup>3</sup> /hr.)	7806.06	CPCB, Emission Regulation (Part III)
05. Concentration of Particulate Matter (mg/ Nm <sup>3</sup> )	14.13	IS:11255 (Part 1), 1985, Reaffirmed 2014
06. Particulate Matter normalized at 12% CO <sub>2</sub>	---	IS:11255 (Part 1), 1985, Reaffirmed 2014
07. Concentration of SO <sub>2</sub> (mg/ Nm <sup>3</sup> )	---	IS:11255 (Part 2), 1985, Reaffirmed 2014
08. Concentration of NO <sub>2</sub> (mg/ Nm <sup>3</sup> )	---	IS:11255 (Part 3), 2008
09. Concentration of CO <sub>2</sub> (% V/V)	---	IS:13270:1992, Reaffirmed 2014
10. Concentration of CO (% V/V)	< 0.2	IS:13270:1992, Reaffirmed 2014

Pollution Control Device : **Bag Filter**  
Permanent Ladder and Platform : **Yes**

Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager

(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager  
Authorised Signatory  
For, GREEN VISION



- Note: 1. This report refers to the values obtained at the time of testing and results related to the items tested.  
2. All the information under column A & B are supplied by the respective industry.  
3. This certificate may not be reproduced in part or full without written permission of the management.  
4. Retention period of tested sample (Thimble) is 6 months from the date of issue test report unless otherwise specified.



# GREENVISION

(A leading environmental research laboratory)  
Urvashi Malhar, Phase II, MEAV- 25, Bengal Ambuja Housing Complex,  
City Centre, Durgapur-713216  
Contact: 0343-2542377, email: [greenvision.dgp@gmail.com](mailto:greenvision.dgp@gmail.com)

## TEST REPORT OF STACK GAS ANALYSIS

[FORMAT NO. : GV/LAB/FM/33A]

Sample is drawn by <b>M/s. Greenvision</b>		<b>U.L.R. No. : TC1100324000000731F</b>	
Report No.	: GV/AR/24-25/235	Sample Ref. ID	: AS-150-2024(10)
Name of Customer	: M/s. Maithan Steel & Power ltd. (Unit – I)	Report Date	: 12.09.2024
Address of Customer	: P.O. : Bonra, P.S. : Neturia, Dist. : Purulia, Pin : 723121.	Date of Sampling	: 28.08.2024
		Sample Received On	: 28.08.2024
Sample Description	: Stack Air	Analysis Started On	: 29.08.2024
Sampling Location	: Intermediate Bin	Analysis Completed On	: 29.08.2024
Sample Condition	: In GMF Thimble	Time of Sampling	: 03:30 pm
Sampling Method	: CPCB, Emission Regulation (Part III)		
Testing Location	: At Laboratory		

### A. GENERAL INFORMATION ABOUT STACK

01. Particulars of plant	: Integrated Steel Plant (Sponge Iron Unit)		
02. Stack connected to	: Intermediate Bin of Kiln No. 1 & 2		
03. Material of construction	: M.S.		
04. Shape of stack	: Circular		
05. Height of stack from G.L (mtr)	: 30.0	from roof level (mtr)	: ---
06. Height of sampling from G.L (mtr)	: 20.0	from L.D.Z (mtr)	: ---
07. Internal stack diameter at sampling point (mtr)	: 0.6		
08. Emission due to	: Process Activities		
09. Steam generation capacity:	(rated) : ---	(running) :	---
10. Load of source:	(rated) : ---	(running) :	---

### B. FUEL CHARACTERISTIC REPORT

01. Type of fuel used	: ---		
02. Calorific value (K-Cal/Kg): ---	03. Ash content (% by Wt): ---	04. Sulphur content (% by Wt): ---	
05. Rated fuel consumption	: ---		
06. Working fuel consumption	: ---		

### C. RESULTS OF GASEUS EMISSION SAMPLING

		Test Method
01. Flue gas temperature ( <sup>o</sup> C)	40	CPCB, Emission Regulation (Part III)
02. Barometric pressure (mm of Hg)	753.0	CPCB, Emission Regulation (Part III)
03. Velocity of flue gas (m/sec)	8.01	CPCB, Emission Regulation (Part III)
04. Quantity of gas flow (Nm <sup>3</sup> /hr.)	7692.26	CPCB, Emission Regulation (Part III)
05. Concentration of Particulate Matter (mg/ Nm <sup>3</sup> )	16.0	IS:11255 (Part 1), 1985, Reaffirmed 2014
06. Particulate Matter normalized at 12% CO <sub>2</sub>	---	IS:11255 (Part 1), 1985, Reaffirmed 2014
07. Concentration of SO <sub>2</sub> (mg/ Nm <sup>3</sup> )	---	IS:11255 (Part 2), 1985, Reaffirmed 2014
08. Concentration of NO <sub>2</sub> (mg/ Nm <sup>3</sup> )	---	IS:11255 (Part 3), 2008
09. Concentration of CO <sub>2</sub> (% V/V)	---	IS:13270:1992, Reaffirmed 2014
10. Concentration of CO (% V/V)	< 0.2	IS:13270:1992, Reaffirmed 2014

Pollution Control Device : Bag Filter

Permanent Ladder and Platform : Yes

Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager



(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager  
Authorised Signatory  
For, GREEN VISION

- Note: 1. This report refers to the values obtained at the time of testing and results related to the items tested.  
2. All the information under column A & B are supplied by the respective industry.  
3. This certificate may not be reproduced in part or full without written permission of the management.  
4. Retention period of tested sample (Thimble) is 6 months from the date of issue test report unless otherwise specified.



# GREEN VISION

(A leading environmental research laboratory)

Urvashi Malhar, Phase II, MEAV- 25, Bengal Ambuja Housing Complex,  
City Centre, Durgapur-713216

Contact: 0343-2542377, email: [greenvision.dgp@gmail.com](mailto:greenvision.dgp@gmail.com)

## TEST REPORT OF STACK GAS ANALYSIS

[FORMAT NO. : GV/LAB/FM/33A]

Sample is drawn by <b>M/s. Greenvision</b>		<b>U.L.R. No. : TC110032400000742F</b>	
Report No.	: GV/AR/24-25/242	Sample Ref. ID	: AS-151-2024(7)
Name of Customer	: M/s. Maithan Steel & Power Ltd: (Unit – I)	Report Date	: 12.09.2024
Address of Customer	: P.O. : Bonra, P.S. : Neturia, Dist. : Purulia, Pin : 723121.	Date of Sampling	: 29.08.2024
Sample Description	: Stack Air	Sample Received On	: 29.08.2024
Sampling Location	: Rotary Kiln	Analysis Started On	: 30.08.2024
Sample Condition	: In GMF Thimble & Plastic Bottles	Analysis Completed On	: 30.08.2024
Sampling Method	: CPCB, Emission Regulation (Part III)	Time of Sampling	: 10:45 am
Testing Location	: At Laboratory		

### A. GENERAL INFORMATION ABOUT STACK

01. Particulars of plant	: Integrated Steel Plant (Sponge Iron Unit)		
02. Stack connected to	: 350 TPD Rotary Kiln Through W.H.R.B.		
03. Material of construction	: R.C.C.		
04. Shape of stack	: Circular		
05. Height of stack from G.L (mtr)	: 65.0	from roof level (mtr)	: ---
06. Height of sampling from G.L (mtr)	: 27.2	from L.D.Z (mtr)	: ---
07. Internal stack diameter at sampling point (mtr)	: 3.84		
08. Emission due to	: Reduction of Pellet & Oxidation of Coal		
09. Steam generation capacity:	(rated) : ---	(running) : ---	
10. Load of source:	(rated) : 350 TPD	(running) : Pellet : 21.5 TPH	

### B. FUEL CHARACTERISTIC REPORT

01. Type of fuel used	: Coal		
02. Calorific value (K-Cal/Kg): ---	03. Ash content (% by Wt): ---	04. Sulphur content (% by Wt): ---	
05. Rated fuel consumption	: ---		
06. Working fuel consumption	: 14.7 TPH		

### C. RESULTS OF GASEUS EMISSION SAMPLING

		Test Method
01. Flue gas temperature (°C)	149	CPCB, Emission Regulation (Part III)
02. Barometric pressure (mm of Hg)	753.0	CPCB, Emission Regulation (Part III)
03. Velocity of flue gas (m/sec)	4.8	CPCB, Emission Regulation (Part III)
04. Quantity of gas flow (Nm <sup>3</sup> /hr.)	130995.31	CPCB, Emission Regulation (Part III)
05. Concentration of Particulate Matter (mg/ Nm <sup>3</sup> )	17.2	IS:11255 (Part 1), 1985, Reaffirmed 2014
06. Particulate Matter normalized at 12% CO <sub>2</sub>	19.47	IS:11255 (Part 1), 1985, Reaffirmed 2014
07. Concentration of SO <sub>2</sub> (mg/ Nm <sup>3</sup> )	328.28	IS:11255 (Part 2), 1985, Reaffirmed 2014
08. Concentration of NO <sub>2</sub> (mg/ Nm <sup>3</sup> )	152.76	IS:11255 (Part 3), 2008
09. Concentration of CO <sub>2</sub> (% V/V)	10.6	IS:13270:1992, Reaffirmed 2014
10. Concentration of CO (% V/V)	< 0.2	IS:13270:1992, Reaffirmed 2014

Pollution Control Device : ESP  
 Permanent Ladder and Platform : Yes

Reviewed by  
 (Sabyasachi Shyam Roy Chowdhury)  
 Quality Manager



(Sabyasachi Shyam Roy Chowdhury)  
 Quality Manager  
 Authorised Signatory  
 For, GREEN VISION

- Note: 1. This report refers to the values obtained at the time of testing and results related to the items tested.  
 2. All the information under column A & B are supplied by the respective industry.  
 3. This certificate may not be reproduced in part or full without written permission of the management.  
 4. Retention period of tested sample (Thimble) is 6 months from the date of issue test report unless otherwise specified.



# GREEN VISION

(A leading environmental research laboratory)  
Urvashi Malhar, Phase II, MEAV- 25, Bengal Ambuja Housing Complex,  
City Centre, Durgapur-713216  
Contact: 0343-2542377, email: [greenvision.dgp@gmail.com](mailto:greenvision.dgp@gmail.com)

## TEST REPORT OF STACK GAS ANALYSIS

[FORMAT NO. : GV/LAB/FM/33A]

Sample is drawn by <b>M/s. Greenvision</b>		<b>U.L.R. No. : TC110032400000743F</b>	
Report No.	: GV/AR/24-25/243	Sample Ref. ID	: AS-151-2024(8)
Name of Customer	: M/s. Maithan Steel & Power Ltd. (Unit – I)	Report Date	: 12.09.2024
Address of Customer	: P.O. : Bonra, P.S. : Neturia, Dist. : Purulia, Pin : 723121.	Date of Sampling	: 29.08.2024
Sample Description	: Stack Air	Sample Received On	: 29.08.2024
Sampling Location	: A.F.B.C. Boiler	Analysis Started On	: 30.08.2024
Sample Condition	: In GMF Thimble & Plastic Bottles	Analysis Completed On	: 30.08.2024
Sampling Method	: CPCB, Emission Regulation (Part III)	Time of Sampling	: 12:15 pm
Testing Location	: At Laboratory		

### A. GENERAL INFORMATION ABOUT STACK

01. Particulars of plant	: Integrated Steel Plant (Captive Power Plant)		
02. Stack connected to	: A.F.B.C. Boiler (30 TPH)		
03. Material of construction	: R.C.C.		
04. Shape of stack	: Circular		
05. Height of stack from G.L (mtr)	: 56.0	from roof level (mtr)	: ---
06. Height of sampling from G.L (mtr)	: 31.0	from L.D.Z (mtr)	: ---
07. Internal stack diameter at sampling point (mtr)	: 1.57		
08. Emission due to	: Combustion of Coal & Dolochar		
09. Steam generation capacity: (rated)	: 30 TPH	(running)	: 30 TPH
10. Load of source: (rated)	: 7.5 MW	(running)	: 7.5 MW

### B. FUEL CHARACTERISTIC REPORT

01. Type of fuel used	: Coal & Dolochar		
02. Calorific value (K-Cal/Kg): ---	03. Ash content (% by Wt): ---	04. Sulphur content (% by Wt): ---	
05. Rated fuel consumption	: ---		
06. Working fuel consumption	: Coal : 60 TPD & Dolochar : 180 TPD		

### C. RESULTS OF GASEUS EMISSION SAMPLING

		Test Method
01. Flue gas temperature ( $^{\circ}$ C)	122	CPCB, Emission Regulation (Part III)
02. Barometric pressure (mm of Hg)	753.0	CPCB, Emission Regulation (Part III)
03. Velocity of flue gas (m/sec)	17.28	CPCB, Emission Regulation (Part III)
04. Quantity of gas flow ( $\text{Nm}^3/\text{hr.}$ )	85305.51	CPCB, Emission Regulation (Part III)
05. Concentration of Particulate Matter ( $\text{mg}/\text{Nm}^3$ )	17.4	IS:11255 (Part 1), 1985, Reaffirmed 2014
06. Particulate Matter normalized at 6% $\text{O}_2$	23.72	IS:11255 (Part 1), 1985, Reaffirmed 2014
07. Concentration of $\text{SO}_2$ ( $\text{mg}/\text{Nm}^3$ )	169.63	IS:11255 (Part 2), 1985, Reaffirmed 2014
08. Concentration of $\text{NO}_2$ ( $\text{mg}/\text{Nm}^3$ )	72.44	IS:11255 (Part 3), 2008
09. Concentration of $\text{CO}_2$ (% V/V)	10.2	IS:13270:1992, Reaffirmed 2014
10. Concentration of $\text{O}_2$ (% V/V)	7.6	IS:13270:1992, Reaffirmed 2014
11. Concentration of CO (% V/V)	< 0.2	IS:13270:1992, Reaffirmed 2014

Pollution Control Device	: ESP
Permanent Ladder and Platform	: Yes

Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager



(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager  
Authorised Signatory  
For, GREEN VISION

- Note: 1. This report refers to the values obtained at the time of testing and results related to the items tested.  
2. All the information under column A & B are supplied by the respective industry.  
3. This certificate may not be reproduced in part or full without written permission of the management.  
4. Retention period of tested sample (Thimble) is 6 months from the date of issue test report unless otherwise specified.





# GREENVISION

(A leading environmental research laboratory)

Urvashi Malhar, Phase II, MEAV- 25, Bengal Ambuja Housing Complex,  
City Centre, Durgapur-713216

Contact: 0343-2542377, email: [greenvision.dgp@gmail.com](mailto:greenvision.dgp@gmail.com)

## TEST REPORT OF STACK GAS ANALYSIS

[FORMAT NO. : GV/LAB/FM/33A]

Sample is drawn by <b>M/s. Greenvision</b>		<b>U.L.R. No. : TC110032400000744F</b>	
Report No.	: GV/AR/24-25/244	Sample Ref. ID	: AS-151-2024(9)
Name of Customer	: M/s. Maithan Steel & Power Ltd. (Unit – I)	Report Date	: 12.09.2024
Address of Customer	: P.O. : Bonra, P.S. : Neturia, Dist. : Purulia, Pin : 723121.	Date of Sampling	: 29.08.2024
Sample Description	: Stack Air	Sample Received On	: 29.08.2024
Sampling Location	: Sub Merged Electric Arc Furnace	Analysis Started On	: 30.08.2024
Sample Condition	: In GMF Thimble	Analysis Completed On	: 30.08.2024
Sampling Method	: CPCB, Emission Regulation (Part III)	Time of Sampling	: 03:10 pm
Testing Location	: At Laboratory		

### A. GENERAL INFORMATION ABOUT STACK

01. Particulars of plant	: Integrated Steel Plant (Ferro Alloy Unit)		
02. Stack connected to	: Common Stack of S.E.A.F. No. 1 & 2		
03. Material of construction	: M.S.		
04. Shape of stack	: Circular		
05. Height of stack from G.L (mtr)	: 32.0	from roof level (mtr)	: ---
06. Height of sampling from G.L (mtr)	: 20.0	from L.D.Z (mtr)	: ---
07. Internal stack diameter at sampling point (mtr)	: 2.5		
08. Emission due to	: Reduction of Mn Ore		
09. Steam generation capacity:	(rated) : ---	(running) :	---
10. Load of source:	(rated) : 9 MVA X 2	(running) :	No. 1 : 8.5 MVA, No. 2 : 9.0 MVA

### B. FUEL CHARACTERISTIC REPORT

01. Type of fuel used	: Electricity		
02. Calorific value (K-Cal/Kg): ---	03. Ash content (% by Wt): ---	04. Sulphur content (% by Wt): ---	
05. Rated fuel consumption	: ---		
06. Working fuel consumption	: ---		

### C. RESULTS OF GASEUS EMISSION SAMPLING

		Test Method
01. Flue gas temperature ( <sup>o</sup> C)	85	CPCB, Emission Regulation (Part III)
02. Barometric pressure (mm of Hg)	753.0	CPCB, Emission Regulation (Part III)
03. Velocity of flue gas (m/sec)	6.49	CPCB, Emission Regulation (Part III)
04. Quantity of gas flow (Nm <sup>3</sup> /hr.)	94543.17	CPCB, Emission Regulation (Part III)
05. Concentration of Particulate Matter (mg/ Nm <sup>3</sup> )	16.47	IS:11255 (Part 1), 1985, Reaffirmed 2014
06. Particulate Matter normalized at 12% CO <sub>2</sub>	---	IS:11255 (Part 1), 1985, Reaffirmed 2014
07. Concentration of SO <sub>2</sub> (mg/ Nm <sup>3</sup> )	---	IS:11255 (Part 2), 1985, Reaffirmed 2014
08. Concentration of NO <sub>2</sub> (mg/ Nm <sup>3</sup> )	---	IS:11255 (Part 3), 2008
09. Concentration of CO <sub>2</sub> (% V/V)	2.8	IS:13270:1992, Reaffirmed 2014
10. Concentration of CO (% V/V)	< 0.2	IS:13270:1992, Reaffirmed 2014

**Pollution Control Device** : F.D. Cooler & Bag Filter  
**Permanent Ladder and Platform** : Yes

Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager



(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager  
Authorised Signatory  
For, GREEN VISION

- Note: 1. This report refers to the values obtained at the time of testing and results related to the items tested.  
2. All the information under column A & B are supplied by the respective industry.  
3. This certificate may not be reproduced in part or full without written permission of the management.  
4. Retention period of tested sample (Thimble) is 6 months from the date of issue test report unless otherwise specified.



# GREENVISION

(A leading environmental research laboratory)  
 Urvashi Malhar, Phase II, MEAV- 25, Bengal Ambuja Housing Complex,  
 City Centre, Durgapur-713216  
 Contact: 0343-2542377, email: [greenvision.dgp@gmail.com](mailto:greenvision.dgp@gmail.com)

## TEST REPORT OF STACK GAS ANALYSIS

[FORMAT NO. : GV/LAB/FM/33A]

Sample is drawn by <b>M/s. Greenvision</b>		<b>U.L.R. No. : TC1100324000000758F</b>	
Report No.	: GV/AR/24-25/247	Sample Ref. ID	: AS-152-2024(3)
Name of Customer	: M/s. Maithan Steel & Power Ltd. (Unit – I)	Report Date	: 12.09.2024
Address of Customer	: P.O. : Bonra, P.S. : Neturia, Dist. : Purulia, Pin : 723121.	Date of Sampling	: 30.08.2024
Sample Description	: Stack Air	Sample Received On	: 30.08.2024
Sampling Location	: Cooler Discharge & Product House	Analysis Started On	: 31.08.2024
Sample Condition	: In GMF Thimble	Analysis Completed On	: 31.08.2024
Sampling Method	: CPCB, Emission Regulation (Part III)	Time of Sampling	: 10:35 am
Testing Location	: At Laboratory		

### A. GENERAL INFORMATION ABOUT STACK

01. Particulars of plant	: Integrated Steel Plant (Sponge Iron Unit)		
02. Stack connected to	: Cooler Discharge & Product House of 350 TPD Kiln		
03. Material of construction	: M.S.		
04. Shape of stack	: Circular		
05. Height of stack from G.L (mtr)	: 30.0	from roof level (mtr)	: ---
06. Height of sampling from G.L (mtr)	: 21.0	from L.D.Z (mtr)	: ---
07. Internal stack diameter at sampling point (mtr)	: 1.275		
08. Emission due to	: Process Activities		
09. Steam generation capacity:	(rated) : ---	(running) :	---
10. Load of source:	(rated) : 350 TPD	(running) :	---

### B. FUEL CHARACTERISTIC REPORT

01. Type of fuel used	: ---		
02. Calorific value (K-Cal/Kg): ---	03. Ash content (% by Wt): ---	04. Sulphur content (% by Wt): ---	
05. Rated fuel consumption	: ---		
06. Working fuel consumption	: ---		

### C. RESULTS OF GASEOUS EMISSION SAMPLING

		Test Method
01. Flue gas temperature ( <sup>o</sup> C)	65	CPCB, Emission Regulation (Part III)
02. Barometric pressure (mm of Hg)	753.0	CPCB, Emission Regulation (Part III)
03. Velocity of flue gas (m/sec)	8.31	CPCB, Emission Regulation (Part III)
04. Quantity of gas flow (Nm <sup>3</sup> /hr.)	33362.02	CPCB, Emission Regulation (Part III)
05. Concentration of Particulate Matter (mg/ Nm <sup>3</sup> )	22.76	IS:11255 (Part 1), 1985, Reaffirmed 2014
06. Particulate Matter normalized at 12% CO <sub>2</sub>	---	IS:11255 (Part 1), 1985, Reaffirmed 2014
07. Concentration of SO <sub>2</sub> (mg/ Nm <sup>3</sup> )	---	IS:11255 (Part 2), 1985, Reaffirmed 2014
08. Concentration of NO <sub>2</sub> (mg/ Nm <sup>3</sup> )	---	IS:11255 (Part 3), 2008
09. Concentration of CO <sub>2</sub> (% V/V)	---	IS:13270:1992, Reaffirmed 2014
10. Concentration of CO (% V/V)	< 0.2	IS:13270:1992, Reaffirmed 2014

Pollution Control Device : Bag Filter  
 Permanent Ladder and Platform : Yes

Reviewed by  
 (Sabyasachi Shyam Roy Chowdhury)  
 Quality Manager



(Sabyasachi Shyam Roy Chowdhury)  
 Quality Manager  
 Authorised Signatory  
 For, GREEN VISION

- Note: 1. This report refers to the values obtained at the time of testing and results related to the items tested.  
 2. All the information under column A & B are supplied by the respective industry.  
 3. This certificate may not be reproduced in part or full without written permission of the management.  
 4. Retention period of tested sample (Thimble) is 6 months from the date of issue test report unless otherwise specified.



# GREEN VISION

(A leading environmental research laboratory)

Urvashi Malhar, Phase II, MEAV- 25, Bengal Ambuja Housing Complex,  
City Centre, Durgapur-713216

Contact: 0343-2542377, email: [greenvision.dgp@gmail.com](mailto:greenvision.dgp@gmail.com)

## TEST REPORT OF STACK GAS ANALYSIS

[FORMAT NO. : GV/LAB/FM/33A]

Sample is drawn by <b>M/s. Greenvision</b>		<b>U.L.R. No. : TC110032400000759F</b>	
Report No.	: GV/AR/24-25/248	Sample Ref. ID	: AS-152-2024(4)
Name of Customer	: M/s. Maithan Steel & Power Ltd. (Unit – I)	Report Date	: 12.09.2024
Address of Customer	: P.O. : Bonra, P.S. : Neturia, Dist. : Purulia, Pin : 723121.	Date of Sampling	: 30.08.2024
Sample Description	: Stack Air	Sample Received On	: 30.08.2024
Sampling Location	: Intermediate Bin	Analysis Started On	: 31.08.2024
Sample Condition	: In GMF Thimble	Analysis Completed On	: 31.08.2024
Sampling Method	: CPCB, Emission Regulation (Part III)	Time of Sampling	: 12:30 pm
Testing Location	: At Laboratory		

### A. GENERAL INFORMATION ABOUT STACK

01. Particulars of plant	: Integrated Steel Plant (Sponge Iron Unit)		
02. Stack connected to	: Intermediate Bin of 350 TPD Kiln		
03. Material of construction	: M.S.		
04. Shape of stack	: Circular		
05. Height of stack from G.L (mtr)	: 30.0	from roof level (mtr)	: ---
06. Height of sampling from G.L (mtr)	: 20.0	from L.D.Z (mtr)	: ---
07. Internal stack diameter at sampling point (mtr)	: 1.275		
08. Emission due to	: Process Activities		
09. Steam generation capacity:	(rated) : ---	(running)	: ---
10. Load of source:	(rated) : ---	(running)	: ---

### B. FUEL CHARACTERISTIC REPORT

01. Type of fuel used	: ---		
02. Calorific value (K-Cal/Kg): ---	03. Ash content (% by Wt): ---	04. Sulphur content (% by Wt): ---	
05. Rated fuel consumption	: ---		
06. Working fuel consumption	: ---		

### C. RESULTS OF GASEUS EMISSION SAMPLING

		Test Method
01. Flue gas temperature ( <sup>o</sup> C)	50	CPCB, Emission Regulation (Part III)
02. Barometric pressure (mm of Hg)	753.0	CPCB, Emission Regulation (Part III)
03. Velocity of flue gas (m/sec)	7.68	CPCB, Emission Regulation (Part III)
04. Quantity of gas flow (Nm <sup>3</sup> /hr.)	32259.49	CPCB, Emission Regulation (Part III)
05. Concentration of Particulate Matter (mg/ Nm <sup>3</sup> )	18.25	IS:11255 (Part 1), 1985, Reaffirmed 2014
06. Particulate Matter normalized at 12% CO <sub>2</sub>	---	IS:11255 (Part 1), 1985, Reaffirmed 2014
07. Concentration of SO <sub>2</sub> (mg/ Nm <sup>3</sup> )	---	IS:11255 (Part 2), 1985, Reaffirmed 2014
08. Concentration of NO <sub>2</sub> (mg/ Nm <sup>3</sup> )	---	IS:11255 (Part 3), 2008
09. Concentration of CO <sub>2</sub> (% V/V)	---	IS:13270:1992, Reaffirmed 2014
10. Concentration of CO (% V/V)	< 0.2	IS:13270:1992, Reaffirmed 2014

**Pollution Control Device** : Bag Filter  
**Permanent Ladder and Platform** : Yes

Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager



(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager  
Authorised Signatory  
For, GREEN VISION

- Note: 1. This report refers to the values obtained at the time of testing and results related to the items tested.  
2. All the information under column A & B are supplied by the respective industry.  
3. This certificate may not be reproduced in part or full without written permission of the management.  
4. Retention period of tested sample (Thimble) is 6 months from the date of issue test report unless otherwise specified.



# GREENVISION

(A leading environmental research laboratory)  
Urvashi Malhar, Phase II, MEAV- 25, Bengal Ambuja Housing Complex,  
City Centre, Durgapur-713216  
Contact: 0343-2542377, email: [greenvision.dgp@gmail.com](mailto:greenvision.dgp@gmail.com)

## TEST REPORT OF STACK GAS ANALYSIS

[FORMAT NO. : GV/LAB/FM/33A]

Sample is drawn by M/s. Greenvision		U.L.R. No. : TC110032400000760F	
Report No.	: GV/AR/24-25/249	Sample Ref. ID	: AS-152-2024(5)
Name of Customer	: M/s. Maithan Steel & Power Ltd. (Unit – I)	Report Date	: 12.09.2024
Address of Customer	: P.O. : Bonra, P.S. : Neturia, Dist. : Purulia, Pin : 723121.	Date of Sampling	: 30.08.2024
Sample Description	: Stack Air	Sample Received On	: 30.08.2024
Sampling Location	: Coal Crusher	Analysis Started On	: 31.08.2024
Sample Condition	: In GMF Thimble	Analysis Completed On	: 31.08.2024
Sampling Method	: CPCB, Emission Regulation (Part III)	Time of Sampling	: 03:20 pm
Testing Location	: At Laboratory		

### A. GENERAL INFORMATION ABOUT STACK

01. Particulars of plant	: Integrated Steel Plant (Sponge Iron Unit)		
02. Stack connected to	: Coal Crusher		
03. Material of construction	: M.S.		
04. Shape of stack	: Circular		
05. Height of stack from G.L (mtr)	: 22.0	from roof level (mtr)	: ---
06. Height of sampling from G.L (mtr)	: 12.0	from L.D.Z (mtr)	: ---
07. Internal stack diameter at sampling point (mtr)	: 0.5		
08. Emission due to	: Process Activities		
09. Steam generation capacity: (rated)	: ---	(running)	: ---
10. Load of source: (rated)	: ---	(running)	: ---

### B. FUEL CHARACTERISTIC REPORT

01. Type of fuel used	: ---		
02. Calorific value (K-Cal/Kg): ---	03. Ash content (% by Wt): ---	04. Sulphur content (% by Wt): ---	
05. Rated fuel consumption	: ---		
06. Working fuel consumption	: ---		

### C. RESULTS OF GASEOUS EMISSION SAMPLING

		Test Method
01. Flue gas temperature ( $^{\circ}$ C)	38	CPCB, Emission Regulation (Part III)
02. Barometric pressure (mm of Hg)	753.0	CPCB, Emission Regulation (Part III)
03. Velocity of flue gas (m/sec)	7.61	CPCB, Emission Regulation (Part III)
04. Quantity of gas flow ( $\text{Nm}^3/\text{hr.}$ )	5109.94	CPCB, Emission Regulation (Part III)
05. Concentration of Particulate Matter ( $\text{mg}/\text{Nm}^3$ )	14.54	IS:11255 (Part 1), 1985, Reaffirmed 2014
06. Particulate Matter normalized at 12% $\text{CO}_2$	---	IS:11255 (Part 1), 1985, Reaffirmed 2014
07. Concentration of $\text{SO}_2$ ( $\text{mg}/\text{Nm}^3$ )	---	IS:11255 (Part 2), 1985, Reaffirmed 2014
08. Concentration of $\text{NO}_2$ ( $\text{mg}/\text{Nm}^3$ )	---	IS:11255 (Part 3), 2008
09. Concentration of $\text{CO}_2$ (% V/V)	---	IS:13270:1992, Reaffirmed 2014
10. Concentration of CO (% V/V)	< 0.2	IS:13270:1992, Reaffirmed 2014

Pollution Control Device : Bag Filter

Permanent Ladder and Platform : Yes

Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager



(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager  
Authorised Signatory  
For, GREEN VISION

- Note: 1. This report refers to the values obtained at the time of testing and results related to the items tested.  
2. All the information under column A & B are supplied by the respective industry.  
3. This certificate may not be reproduced in part or full without written permission of the management.  
4. Retention period of tested sample (Thimble) is 6 months from the date of issue test report unless otherwise specified.

## **ANNEXURE – V**

**(Copy of Fugitive/ Workzone Air Emission Monitoring Report)**





# GREENVISION

(A leading environmental research laboratory)  
Urvashi Malhar, Phase II, MEAV- 25, Bengal Ambuja Housing Complex,  
City Centre, Durgapur-713216  
Contact: 0343-2542377, email: [greenvision.dgp@gmail.com](mailto:greenvision.dgp@gmail.com)

## TEST REPORT OF FUGITIVE AIR ANALYSIS

FORMAT NO. : GV/LAB/FM/33W

Sample is drawn by **M/s. Greenvision**

U.L.R. No. : **TC110032400000734F**

Report No. : GV/AR/24-25/227  
Name of Customer : M/s. Maithan Steel & Power Ltd. (Unit – I)  
Address of Customer : P.O. : Bonra, P.S. : Neturia, Dist. : Purulia,  
Pin : 723121.  
Sample Description : Fugitive Air  
Sampling Location : In Between Kiln No. 1 & 2 (100 TPD)  
Sample Condition : In GMF Filter Paper & Plastic Bottle  
Location of Testing : At Laboratory  
Sampling Method : CPCB, Emission Regulation (Part III)

Sample Ref. ID : AS-150-2024(2)  
Report Date : 12.09.2024  
Date of Sampling : 28.08.2024  
Date of Receiving : 28.08.2024  
Analysis Started On : 29.08.2024  
Analysis Completed On : 30.08.2024  
Time of Sampling : 09:25 am to  
05:25 pm

### A. METROLOGICAL INFORMATION

Average Temperature ( $^{\circ}\text{C}$ ) : 32.1  
Barometric Pressure (mm of Hg) : 753.0

### B. RESULT OF ANALYSIS

Sl. No.	Parameters	Unit	Concentration	Test Method
01.	Concentration of TSPM	$\mu\text{g}/\text{m}^3$	1119.91	IS : 5182 (Part 4),1999
02.	Concentration of $\text{SO}_2$	$\mu\text{g}/\text{m}^3$	8.33	IS : 5182 (Part 2),2006
03.	Concentration of $\text{NO}_2$	$\mu\text{g}/\text{m}^3$	35.44	IS : 5182 (Part 6),2006

Limit : ( $\mu\text{g}/\text{m}^3$ ) TSPM – 2000,  $\text{SO}_2$  – 80,  $\text{NO}_2$  – 80

Ref. : The Environment (Protection) Rules, 1986, Fourth Amendment, 2008 notified by G.S.R.414(E), dated 30.5.2008.

Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager

(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager  
Authorised Signatory  
For, GREEN VISION



- Note: 1. This report refers to the values obtained at the time of testing and results related to the items tested.  
2. This certificate may not be reproduced in part or full without written permission of the management.  
3. Retention period of tested sample (Filter Paper) is 6 months from the date of issue test report unless otherwise specified.



# GREENVISION

(A leading environmental research laboratory)

Urvashi Malhar, Phase II, MEAV- 25, Bengal Ambuja Housing Complex,  
City Centre, Durgapur-713216

Contact: 0343-2542377, email: [greenvision.dgp@gmail.com](mailto:greenvision.dgp@gmail.com)

## TEST REPORT OF FUGITIVE AIR ANALYSIS

FORMAT NO. : GV/LAB/FM/33W

Sample is drawn by **M/s. Greenvision**

U.L.R. No. : TC110032400000735F

Report No. : GV/AR/24-25/229  
Name of Customer : M/s. Maithan Steel & Power Ltd. (Unit – I)  
Address of Customer : P.O. : Bonra, P.S. : Neturia, Dist. : Purulia,  
Pin : 723121.  
Sample Description : Fugitive Air  
Sampling Location : Near Cooler Discharge (2 X 100 TPD)  
Sample Condition : In GMF Filter Paper & Plastic Bottle  
Location of Testing : At Laboratory  
Sampling Method : CPCB, Emission Regulation (Part III)

Sample Ref. ID : AS-150-2024(4)  
Report Date : 12.09.2024  
Date of Sampling : 28.08.2024  
Date of Receiving : 28.08.2024  
Analysis Started On : 29.08.2024  
Analysis Completed On : 30.08.2024  
Time of Sampling : 10:00 am to  
06:00 pm

### A. METROLOGICAL INFORMATION

Average Temperature ( $^{\circ}\text{C}$ ) : 32.1  
Barometric Pressure (mm of Hg) : 753.0

### B. RESULT OF ANALYSIS

Sl. No.	Parameters	Unit	Concentration	Test Method
01.	Concentration of TSPM	$\mu\text{g}/\text{m}^3$	1317.73	IS : 5182 (Part 4),1999
02.	Concentration of $\text{SO}_2$	$\mu\text{g}/\text{m}^3$	7.5	IS : 5182 (Part 2),2006
03.	Concentration of $\text{NO}_2$	$\mu\text{g}/\text{m}^3$	34.76	IS : 5182 (Part 6),2006

Limit : ( $\mu\text{g}/\text{m}^3$ ) TSPM – 2000,  $\text{SO}_2$  – 80,  $\text{NO}_2$  – 80

Ref. : The Environment (Protection) Rules, 1986, Fourth Amendment, 2008 notified by G.S.R.414(E), dated 30.5.2008.

Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager

(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager  
Authorised Signatory  
For, GREEN VISION



- Note: 1. This report refers to the values obtained at the time of testing and results related to the items tested.  
2. This certificate may not be reproduced in part or full without written permission of the management.  
3. Retention period of tested sample (Filter Paper) is 6 months from the date of issue test report unless otherwise specified.



# GREENVISION

(A leading environmental research laboratory)  
Urvashi Malhar, Phase II, MEAV- 25, Bengal Ambuja Housing Complex,  
City Centre, Durgapur-713216  
Contact: 0343-2542377, email: [greenvision.dgp@gmail.com](mailto:greenvision.dgp@gmail.com)

## TEST REPORT OF FUGITIVE AIR ANALYSIS

FORMAT NO. : GV/LAB/FM/33W

Sample is drawn by **M/s. Greenvision**

U.L.R. No. : TC110032400000736F

Report No. : GV/AR/24-25/231  
Name of Customer : M/s. Maithan Steel & Power Ltd. (Unit – I)  
Address of Customer : P.O. : Bonra, P.S. : Neturia, Dist. : Purulia,  
Pin : 723121.  
Sample Description : Fugitive Air  
Sampling Location : Near Product House (2 X 100 TPD)  
Sample Condition : In GMF Filter Paper & Plastic Bottle  
Location of Testing : At Laboratory  
Sampling Method : CPCB, Emission Regulation (Part III)

Sample Ref. ID : AS-150-2024(6  
Report Date : 12.09.2024  
Date of Sampling : 28.08.2024  
Date of Receiving : 28.08.2024  
Analysis Started On : 29.08.2024  
Analysis Completed On : 30.08.2024  
Time of Sampling : 10:30 am to  
06:30 pm

### A. METROLOGICAL INFORMATION

Average Temperature (<sup>0</sup>C) : 32.1  
Barometric Pressure (mm of Hg) : 753.0

### B. RESULT OF ANALYSIS

Sl. No.	Parameters	Unit	Concentration	Test Method
01.	Concentration of TSPM	µg/m <sup>3</sup>	1238.31	IS : 5182 (Part 4),1999
02.	Concentration of SO <sub>2</sub>	µg/m <sup>3</sup>	7.5	IS : 5182 (Part 2),2006
03.	Concentration of NO <sub>2</sub>	µg/m <sup>3</sup>	34.1	IS : 5182 (Part 6),2006

Limit : (µg/m<sup>3</sup>) TSPM – 2000, SO<sub>2</sub> – 80, NO<sub>2</sub> – 80

Ref. : The Environment (Protection) Rules, 1986, Fourth Amendment, 2008 notified by G.S.R.414(E), dated 30.5.2008.

Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager

(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager  
Authorised Signatory  
For, GREEN VISION



- Note: 1. This report refers to the values obtained at the time of testing and results related to the items tested.  
2. This certificate may not be reproduced in part or full without written permission of the management.  
3. Retention period of tested sample (Filter Paper) is 6 months from the date of issue test report unless otherwise specified.





# GREENVISION

(A leading environmental research laboratory)  
Urvashi Malhar, Phase II, MEAV- 25, Bengal Ambuja Housing Complex,  
City Centre, Durgapur-713216  
Contact: 0343-2542377, email: [greenvision.dgp@gmail.com](mailto:greenvision.dgp@gmail.com)

## TEST REPORT OF FUGITIVE AIR ANALYSIS

FORMAT NO. : GV/LAB/FM/33W

Sample is drawn by **M/s. Greenvision**

**U.L.R. No. : TC110032400000737F**

Report No. : GV/AR/24-25/232  
Name of Customer : M/s. Maithan Steel & Power Ltd. (Unit – I)  
Address of Customer : P.O. : Bonra, P.S. : Neturia, Dist. : Purulia,  
Pin : 723121.  
Sample Description : Fugitive Air  
Sampling Location : Raw Material Handling Area  
Sample Condition : In GMF Filter Paper & Plastic Bottle  
Location of Testing : At Laboratory  
Sampling Method : CPCB, Emission Regulation (Part III)

Sample Ref. ID : AS-150-2024(7)  
Report Date : 12.09.2024  
Date of Sampling : 28.08.2024  
Date of Receiving : 28.08.2024  
Analysis Started On : 29.08.2024  
Analysis Completed On : 30.08.2024  
Time of Sampling : 11:05 am to  
07:05 pm

### A. METROLOGICAL INFORMATION

Average Temperature ( $^{\circ}\text{C}$ ) : 32.1  
Barometric Pressure (mm of Hg) : 753.0

### B. RESULT OF ANALYSIS

Sl. No.	Parameters	Unit	Concentration	Test Method
01.	Concentration of TSPM	$\mu\text{g}/\text{m}^3$	1539.62	IS : 5182 (Part 4),1999
02.	Concentration of $\text{SO}_2$	$\mu\text{g}/\text{m}^3$	6.67	IS : 5182 (Part 2),2006
03.	Concentration of $\text{NO}_2$	$\mu\text{g}/\text{m}^3$	33.43	IS : 5182 (Part 6),2006

Limit : ( $\mu\text{g}/\text{m}^3$ ) TSPM – 2000,  $\text{SO}_2$  – 80,  $\text{NO}_2$  – 80

Ref. : The Environment (Protection) Rules, 1986, Fourth Amendment, 2008 notified by G.S.R.414(E), dated 30.5.2008.

Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager

(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager  
Authorised Signatory  
For, GREEN VISION



- Note: 1. This report refers to the values obtained at the time of testing and results related to the items tested.  
2. This certificate may not be reproduced in part or full without written permission of the management.  
3. Retention period of tested sample (Filter Paper) is 6 months from the date of issue test report unless otherwise specified.



# GREENVISION

(A leading environmental research laboratory)  
Urvashi Malhar, Phase II, MEAV- 25, Bengal Ambuja Housing Complex,  
City Centre, Durgapur-713216  
Contact: 0343-2542377, email: [greenvision.dgp@gmail.com](mailto:greenvision.dgp@gmail.com)

## TEST REPORT OF FUGITIVE AIR ANALYSIS

FORMAT NO. : GV/LAB/FM/33W

Sample is drawn by **M/s. Greenvision**

U.L.R. No. : TC1100324000000747F

Report No. : GV/AR/24-25/238  
Name of Customer : M/s. Maithan Steel & Power Ltd. (Unit – I)  
Address of Customer : P.O. : Bonra, P.S. : Neturia, Dist. : Purulia,  
Pin : 723121.  
Sample Description : Fugitive Air  
Sampling Location : Near 9 MVA Furnace No. 2 (Ferro Unit)  
Sample Condition : In GMF Filter Paper & Plastic Bottle  
Location of Testing : At Laboratory  
Sampling Method : CPCB, Emission Regulation (Part III)

Sample Ref. ID : AS-151-2024(3)  
Report Date : 12.09.2024  
Date of Sampling : 28.08.2024 to  
29.08.2024  
Date of Receiving : 29.08.2024  
Analysis Started On : 30.08.2024  
Analysis Completed On : 31.08.2024  
Time of Sampling : 06:20 pm to  
02:20 am

### A. METROLOGICAL INFORMATION

Average Temperature ( $^{\circ}\text{C}$ ) : 30.4  
Barometric Pressure (mm of Hg) : 753.0

### B. RESULT OF ANALYSIS

Sl. No.	Parameters	Unit	Concentration	Test Method
01.	Concentration of TSPM	$\mu\text{g}/\text{m}^3$	903.42	IS : 5182 (Part 4),1999
02.	Concentration of $\text{SO}_2$	$\mu\text{g}/\text{m}^3$	6.67	IS : 5182 (Part 2),2006
03.	Concentration of $\text{NO}_2$	$\mu\text{g}/\text{m}^3$	34.1	IS : 5182 (Part 6),2006

Limit : ( $\mu\text{g}/\text{m}^3$ ) TSPM – 2000,  $\text{SO}_2$  – 80,  $\text{NO}_2$  – 80

Ref. : The Environment (Protection) Rules, 1986, Fourth Amendment, 2008 notified by G.S.R.414(E), dated 30.5.2008.

Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager

(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager  
Authorised Signatory  
For, GREEN VISION



- Note: 1. This report refers to the values obtained at the time of testing and results related to the items tested.  
2. This certificate may not be reproduced in part or full without written permission of the management.  
3. Retention period of tested sample (Filter Paper) is 6 months from the date of issue test report unless otherwise specified.



# GREENVISION

(A leading environmental research laboratory)  
Urvashi Malhar, Phase II, MEAV- 25, Bengal Ambuja Housing Complex,  
City Centre, Durgapur-713216

Contact: 0343-2542377, email: [greenvision.dgp@gmail.com](mailto:greenvision.dgp@gmail.com)

## TEST REPORT OF FUGITIVE AIR ANALYSIS

FORMAT NO. : GV/LAB/FM/33W

Sample is drawn by **M/s. Greenvision**

U.L.R. No. : TC1100324000000748F

Report No. : GV/AR/24-25/239  
Name of Customer : M/s. Maithan Steel & Power Ltd. (Unit – I)  
Address of Customer : P.O. : Bonra, P.S. : Neturia, Dist. : Purulia,  
Pin : 723121.  
Sample Description : Fugitive Air  
Sampling Location : Raw Material Charging Area (Ferro Unit)  
Sample Condition : In GMF Filter Paper & Plastic Bottle  
Location of Testing : At Laboratory  
Sampling Method : CPCB, Emission Regulation (Part III)

Sample Ref. ID : AS-151-2024(4  
Report Date : 12.09.2024  
Date of Sampling : 28.08.2024 to  
29.08.2024  
Date of Receiving : 29.08.2024  
Analysis Started On : 30.08.2024  
Analysis Completed On : 31.08.2024  
Time of Sampling : 06:40 pm to  
02:40 am

### A. METROLOGICAL INFORMATION

Average Temperature ( $^{\circ}\text{C}$ ) : 30.4  
Barometric Pressure (mm of Hg) : 753.0

### B. RESULT OF ANALYSIS

Sl. No.	Parameters	Unit	Concentration	Test Method
01.	Concentration of TSPM	$\mu\text{g}/\text{m}^3$	1048.79	IS : 5182 (Part 4),1999
02.	Concentration of $\text{SO}_2$	$\mu\text{g}/\text{m}^3$	7.5	IS : 5182 (Part 2),2006
03.	Concentration of $\text{NO}_2$	$\mu\text{g}/\text{m}^3$	34.76	IS : 5182 (Part 6),2006

Limit : ( $\mu\text{g}/\text{m}^3$ ) TSPM – 2000,  $\text{SO}_2$  – 80,  $\text{NO}_2$  – 80

Ref. : The Environment (Protection) Rules, 1986, Fourth Amendment, 2008 notified by G.S.R.414(E), dated 30.5.2008.

Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager

(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager  
Authorised Signatory  
For, GREEN VISION



- Note: 1. This report refers to the values obtained at the time of testing and results related to the items tested.  
2. This certificate may not be reproduced in part or full without written permission of the management.  
3. Retention period of tested sample (Filter Paper) is 6 months from the date of issue test report unless otherwise specified.



# GREENVISION

(A leading environmental research laboratory)  
Urvashi Malhar, Phase II, MEAV- 25, Bengal Ambuja Housing Complex,  
City Centre, Durgapur-713216  
Contact: 0343-2542377, email: [greenvision.dgp@gmail.com](mailto:greenvision.dgp@gmail.com)

## TEST REPORT OF FUGITIVE AIR ANALYSIS

FORMAT NO. : GV/LAB/FM/33W

Sample is drawn by **M/s. Greenvision**

**U.L.R. No. : TC110032400000749F**

Report No. : GV/AR/24-25/240  
Name of Customer : M/s. Maithan Steel & Power Ltd. (Unit – I)  
Address of Customer : P.O. : Bonra, P.S. : Neturia, Dist. : Purulia,  
Pin : 723121.  
Sample Description : Fugitive Air  
Sampling Location : Boiler Area (C.P.P.)  
Sample Condition : In GMF Filter Paper & Plastic Bottle  
Location of Testing : At Laboratory  
Sampling Method : CPCB, Emission Regulation (Part III)

Sample Ref. ID : AS-151-2024(5)  
Report Date : 12.09.2024  
Date of Sampling : 29.08.2024  
Date of Receiving : 29.08.2024  
Analysis Started On : 30.08.2024  
Analysis Completed On : 31.08.2024  
Time of Sampling : 08:35 am to  
04:35 pm

### A. METROLOGICAL INFORMATION

Average Temperature ( $^{\circ}\text{C}$ ) : 31.7  
Barometric Pressure (mm of Hg) : 753.0

### B. RESULT OF ANALYSIS

Sl. No.	Parameters	Unit	Concentration	Test Method
01.	Concentration of TSPM	$\mu\text{g}/\text{m}^3$	900.2	IS : 5182 (Part 4),1999
02.	Concentration of $\text{SO}_2$	$\mu\text{g}/\text{m}^3$	9.17	IS : 5182 (Part 2),2006
03.	Concentration of $\text{NO}_2$	$\mu\text{g}/\text{m}^3$	36.1	IS : 5182 (Part 6),2006

Limit : ( $\mu\text{g}/\text{m}^3$ ) TSPM – 2000,  $\text{SO}_2$  – 80,  $\text{NO}_2$  – 80

Ref. : The Environment (Protection) Rules, 1986, Fourth Amendment, 2008 notified by G.S.R.414(E), dated 30.5.2008.

Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager

(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager  
Authorised Signatory  
For, GREEN VISION



- Note: 1. This report refers to the values obtained at the time of testing and results related to the items tested.  
2. This certificate may not be reproduced in part or full without written permission of the management.  
3. Retention period of tested sample (Filter Paper) is 6 months from the date of issue test report unless otherwise specified.



# GREENVISION

(A leading environmental research laboratory)  
Urvashi Malhar, Phase II, MEAV- 25, Bengal Ambuja Housing Complex,  
City Centre, Durgapur-713216  
Contact: 0343-2542377, email: [greenvision.dgp@gmail.com](mailto:greenvision.dgp@gmail.com)

## TEST REPORT OF FUGITIVE AIR ANALYSIS

FORMAT NO. : GV/LAB/FM/33W

Sample is drawn by **M/s. Greenvision**

U.L.R. No. : TC110032400000750F

Report No. : GV/AR/24-25/241

Sample Ref. ID : AS-151-2024(6

Name of Customer : M/s. Maithan Steel & Power Ltd. (Unit – I)

Report Date : 12.09.2024

Address of Customer : P.O. : Bonra, P.S. : Neturia, Dist. : Purulia,  
Pin : 723121.

Date of Sampling : 29.08.2024

Sample Description : Fugitive Air

Date of Receiving : 29.08.2024

Sampling Location : Near C.H.P. Area

Analysis Started On : 30.08.2024

Sample Condition : In GMF Filter Paper & Plastic Bottle

Analysis Completed On : 31.08.2024

Location of Testing : At Laboratory

Time of Sampling : 09:15 am to

05:15 pm

Sampling Method : CPCB, Emission Regulation (Part III)

### A. METROLOGICAL INFORMATION

Average Temperature ( $^{\circ}\text{C}$ ) : 31.7

Barometric Pressure (mm of Hg) : 753.0

### B. RESULT OF ANALYSIS

Sl. No.	Parameters	Unit	Concentration	Test Method
01.	Concentration of TSPM	$\mu\text{g}/\text{m}^3$	1017.63	IS : 5182 (Part 4),1999
02.	Concentration of $\text{SO}_2$	$\mu\text{g}/\text{m}^3$	6.67	IS : 5182 (Part 2),2006
03.	Concentration of $\text{NO}_2$	$\mu\text{g}/\text{m}^3$	34.1	IS : 5182 (Part 6),2006

Limit : ( $\mu\text{g}/\text{m}^3$ ) TSPM – 2000,  $\text{SO}_2$  – 80,  $\text{NO}_2$  – 80

Ref. : The Environment (Protection) Rules, 1986, Fourth Amendment, 2008 notified by G.S.R.414(E), dated 30.5.2008.

Reviewed by

(Sabyasachi Shyam Roy Chowdhury)

Quality Manager

(Sabyasachi Shyam Roy Chowdhury)

Quality Manager

Authorised Signatory

For, GREEN VISION



- Note: 1. This report refers to the values obtained at the time of testing and results related to the items tested.  
2. This certificate may not be reproduced in part or full without written permission of the management.  
3. Retention period of tested sample (Filter Paper) is 6 months from the date of issue test report unless otherwise specified.



# GREENVISION

(A leading environmental research laboratory)  
Urvashi Malhar, Phase II, MEAV- 25, Bengal Ambuja Housing Complex,  
City Centre, Durgapur-713216  
Contact: 0343-2542377, email: [greenvision.dgp@gmail.com](mailto:greenvision.dgp@gmail.com)

## TEST REPORT OF FUGITIVE AIR ANALYSIS

FORMAT NO. : GV/LAB/FM/33W

Sample is drawn by **M/s. Greenvision**

U.L.R. No. : TC1100324000000761F

Report No. : GV/AR/24-25/245  
Name of Customer : M/s. Maithan Steel & Power Ltd. (Unit – I)  
Address of Customer : P.O. : Bonra, P.S. : Neturia, Dist. : Purulia,  
Pin : 723121.  
Sample Description : Fugitive Air  
Sampling Location : Near C.H.P. Area (C.P.P.)  
Sample Condition : In GMF Filter Paper & Plastic Bottle  
Location of Testing : At Laboratory  
Sampling Method : CPCB, Emission Regulation (Part III)

Sample Ref. ID : AS-152-2024(1  
Report Date : 12.09.2024  
Date of Sampling : 30.08.2024  
Date of Receiving : 30.08.2024  
Analysis Started On : 31.08.2024  
Analysis Completed On : 02.09.2024  
Time of Sampling : 09:50 am to  
05:50 pm

### A. METROLOGICAL INFORMATION

Average Temperature ( $^{\circ}$ C) : 31.7  
Barometric Pressure (mm of Hg) : 753.0

### B. RESULT OF ANALYSIS

Sl. No.	Parameters	Unit	Concentration	Test Method
01.	Concentration of TSPM	$\mu\text{g}/\text{m}^3$	1293.58	IS : 5182 (Part 4),1999
02.	Concentration of $\text{SO}_2$	$\mu\text{g}/\text{m}^3$	8.33	IS : 5182 (Part 2),2006
03.	Concentration of $\text{NO}_2$	$\mu\text{g}/\text{m}^3$	35.44	IS : 5182 (Part 6),2006

Limit : ( $\mu\text{g}/\text{m}^3$ ) TSPM – 2000,  $\text{SO}_2$  – 80,  $\text{NO}_2$  – 80

Ref. : The Environment (Protection) Rules, 1986, Fourth Amendment, 2008 notified by G.S.R.414(E), dated 30.5.2008.

Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager

(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager  
Authorised Signatory  
For, GREEN VISION



- Note: 1. This report refers to the values obtained at the time of testing and results related to the items tested.  
2. This certificate may not be reproduced in part or full without written permission of the management.  
3. Retention period of tested sample (Filter Paper) is 6 months from the date of issue test report unless otherwise specified.



# GREENVISION

(A leading environmental research laboratory)

Urvashi Malhar, Phase II, MEAV- 25, Bengal Ambuja Housing Complex,  
City Centre, Durgapur-713216

Contact: 0343-2542377, email: [greenvision.dgp@gmail.com](mailto:greenvision.dgp@gmail.com)

## TEST REPORT OF FUGITIVE AIR ANALYSIS

FORMAT NO. : GV/LAB/FM/33W

Sample is drawn by **M/s. Greenvision**

**U.L.R. No. : TC110032400000762F**

Report No. : GV/AR/24-25/246

Sample Ref. ID : AS-152-2024(2)

Name of Customer : M/s. Maithan Steel & Power Ltd. (Unit – I)

Report Date : 12.09.2024

Address of Customer : P.O. : Bonra, P.S. : Neturia, Dist. : Purulia,  
Pin : 723121.

Date of Sampling : 30.08.2024

Sample Description : Fugitive Air

Date of Receiving : 30.08.2024

Sampling Location : Near Kiln No. 3 (350 TPD)

Analysis Started On : 31.08.2024

Sample Condition : In GMF Filter Paper & Plastic Bottle

Analysis Completed On : 02.09.2024

Location of Testing : At Laboratory

Time of Sampling : 10:30 am to

06:30 pm

Sampling Method : CPCB, Emission Regulation (Part III)

### A. METROLOGICAL INFORMATION

Average Temperature ( $^{\circ}\text{C}$ ) : 31.7

Barometric Pressure (mm of Hg) : 753.0

### B. RESULT OF ANALYSIS

Sl. No.	Parameters	Unit	Concentration	Test Method
01.	Concentration of TSPM	$\mu\text{g}/\text{m}^3$	1050.38	IS : 5182 (Part 4),1999
02.	Concentration of $\text{SO}_2$	$\mu\text{g}/\text{m}^3$	8.33	IS : 5182 (Part 2),2006
03.	Concentration of $\text{NO}_2$	$\mu\text{g}/\text{m}^3$	34.76	IS : 5182 (Part 6),2006

Limit : ( $\mu\text{g}/\text{m}^3$ ) TSPM – 2000,  $\text{SO}_2$  – 80,  $\text{NO}_2$  – 80

Ref. : The Environment (Protection) Rules, 1986, Fourth Amendment, 2008 notified by G.S.R.414(E), dated 30.5.2008.

Reviewed by

(Sabyasachi Shyam Roy Chowdhury)

Quality Manager

(Sabyasachi Shyam Roy Chowdhury)

Quality Manager

Authorised Signatory

For, GREEN VISION



- Note: 1. This report refers to the values obtained at the time of testing and results related to the items tested.  
2. This certificate may not be reproduced in part or full without written permission of the management.  
3. Retention period of tested sample (Filter Paper) is 6 months from the date of issue test report unless otherwise specified.



# GREENVISION

(A leading environmental research laboratory)  
Urvashi Malhar, Phase II, MEAV- 25, Bengal Ambuja Housing Complex,  
City Centre, Durgapur-713216  
Contact: 0343-2542377, email: [greenvision.dgp@gmail.com](mailto:greenvision.dgp@gmail.com)

## TEST REPORT OF FUGITIVE AIR ANALYSIS

FORMAT NO. : GV/LAB/FM/33W

Sample is drawn by **M/s. Greenvision**

Report No. : GV/AR/24-25/250  
Name of Customer : M/s. Maithan Steel & Power Ltd. (Unit – I)  
Address of Customer : P.O. : Bonra, P.S. : Neturia, Dist. : Purulia,  
Pin : 723121.  
Sample Description : Fugitive Air  
Sampling Location : Near Cooler Discharge (350 TPD)  
Sample Condition : In GMF Filter Paper & Plastic Bottle  
Location of Testing : At Laboratory  
Sampling Method : CPCB, Emission Regulation (Part III)

U.L.R. No. : TC110032400000763F

Sample Ref. ID : AS-152-2024(6  
Report Date : 12.09.2024  
Date of Sampling : 30.08.2024 to  
31.08.2024  
Date of Receiving : 31.08.2024  
Analysis Started On : 02.09.2024  
Analysis Completed On : 03.09.2024  
Time of Sampling : 05:10 pm to  
01:10 am

### A. METROLOGICAL INFORMATION

Average Temperature (<sup>0</sup>C) : 30.0  
Barometric Pressure (mm of Hg) : 753.0

### B. RESULT OF ANALYSIS

Sl. No.	Parameters	Unit	Concentration	Test Method
01.	Concentration of TSPM	µg/m <sup>3</sup>	1109.67	IS : 5182 (Part 4),1999
02.	Concentration of SO <sub>2</sub>	µg/m <sup>3</sup>	7.5	IS : 5182 (Part 2),2006
03.	Concentration of NO <sub>2</sub>	µg/m <sup>3</sup>	34.1	IS : 5182 (Part 6),2006

Limit : (µg/m<sup>3</sup>) TSPM – 2000, SO<sub>2</sub> – 80, NO<sub>2</sub> – 80

Ref. : The Environment (Protection) Rules, 1986, Fourth Amendment, 2008 notified by G.S.R.414(E), dated 30.5.2008.

Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager

(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager  
Authorised Signatory  
For, GREEN VISION



- Note: 1. This report refers to the values obtained at the time of testing and results related to the items tested.  
2. This certificate may not be reproduced in part or full without written permission of the management.  
3. Retention period of tested sample (Filter Paper) is 6 months from the date of issue test report unless otherwise specified.





# GREENVISION

(A leading environmental research laboratory)  
Urvashi Malhar, Phase II, MEAV- 25, Bengal Ambuja Housing Complex,  
City Centre, Durgapur-713216  
Contact: 0343-2542377, email: [greenvision.dgp@gmail.com](mailto:greenvision.dgp@gmail.com)

## TEST REPORT OF FUGITIVE AIR ANALYSIS

FORMAT NO. : GV/LAB/FM/33W

Sample is drawn by **M/s. Greenvision**

U.L.R. No. : **TC110032400000764F**

Report No. : GV/AR/24-25/251  
Name of Customer : M/s. Maithan Steel & Power Ltd. (Unit – I)  
Address of Customer : P.O. : Bonra, P.S. : Neturia, Dist. : Purulia,  
Pin : 723121.  
Sample Description : Fugitive Air  
Sampling Location : Near Product House (350 TPD)  
Sample Condition : In GMF Filter Paper & Plastic Bottle  
Location of Testing : At Laboratory  
Sampling Method : CPCB, Emission Regulation (Part III)

Sample Ref. ID : AS-152-2024(7  
Report Date : 12.09.2024  
Date of Sampling : 30.08.2024 to  
31.08.2024  
Date of Receiving : 31.08.2024  
Analysis Started On : 02.09.2024  
Analysis Completed On : 03.09.2024  
Time of Sampling : 05:45 pm to  
01:45 am

### A. METROLOGICAL INFORMATION

Average Temperature ( $^{\circ}\text{C}$ ) : 30.0  
Barometric Pressure (mm of Hg) : 753.0

### B. RESULT OF ANALYSIS

Sl. No.	Parameters	Unit	Concentration	Test Method
01.	Concentration of TSPM	$\mu\text{g}/\text{m}^3$	1214.85	IS : 5182 (Part 4),1999
02.	Concentration of $\text{SO}_2$	$\mu\text{g}/\text{m}^3$	6.67	IS : 5182 (Part 2),2006
03.	Concentration of $\text{NO}_2$	$\mu\text{g}/\text{m}^3$	33.43	IS : 5182 (Part 6),2006

Limit : ( $\mu\text{g}/\text{m}^3$ ) TSPM – 2000,  $\text{SO}_2$  – 80,  $\text{NO}_2$  – 80

Ref. : The Environment (Protection) Rules, 1986, Fourth Amendment, 2008 notified by G.S.R.414(E), dated 30.5.2008.

Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager

(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager  
Authorised Signatory  
For, GREEN VISION



- Note: 1. This report refers to the values obtained at the time of testing and results related to the items tested.  
2. This certificate may not be reproduced in part or full without written permission of the management.  
3. Retention period of tested sample (Filter Paper) is 6 months from the date of issue test report unless otherwise specified.



# GREENVISION

(A leading environmental research laboratory)  
Urvashi Malhar, Phase II, MEAV- 25, Bengal Ambuja Housing Complex,  
City Centre, Durgapur-713216  
Contact: 0343-2542377, email: [greenvision.dgp@gmail.com](mailto:greenvision.dgp@gmail.com)

## TEST REPORT OF FUGITIVE AIR ANALYSIS

FORMAT NO. : GV/LAB/FM/33W

Sample is drawn by **M/s. Greenvision**

U.L.R. No. : **TC110032400000765F**

Report No. : GV/AR/24-25/252  
Name of Customer : M/s. Maithan Steel & Power Ltd. (Unit – I)  
Address of Customer : P.O. : Bonra, P.S. : Neturia, Dist. : Purulia,  
Pin : 723121.  
Sample Description : Fugitive Air  
Sampling Location : Near 9 MVA Furnace No. 1 (Ferro Plant)  
Sample Condition : In GMF Filter Paper & Plastic Bottle  
Location of Testing : At Laboratory  
Sampling Method : CPCB, Emission Regulation (Part III)

Sample Ref. ID : AS-152-2024(8  
Report Date : 12.09.2024  
Date of Sampling : 30.08.2024 to  
31.08.2024  
Date of Receiving : 31.08.2024  
Analysis Started On : 02.09.2024  
Analysis Completed On : 03.09.2024  
Time of Sampling : 06:30 pm to  
02:30 am

### A. METROLOGICAL INFORMATION

Average Temperature ( $^{\circ}\text{C}$ ) : 30.0  
Barometric Pressure (mm of Hg) : 753.0

### B. RESULT OF ANALYSIS

Sl. No.	Parameters	Unit	Concentration	Test Method
01.	Concentration of TSPM	$\mu\text{g}/\text{m}^3$	972.86	IS : 5182 (Part 4),1999
02.	Concentration of $\text{SO}_2$	$\mu\text{g}/\text{m}^3$	8.33	IS : 5182 (Part 2),2006
03.	Concentration of $\text{NO}_2$	$\mu\text{g}/\text{m}^3$	34.76	IS : 5182 (Part 6),2006

Limit : ( $\mu\text{g}/\text{m}^3$ ) TSPM – 2000,  $\text{SO}_2$  – 80,  $\text{NO}_2$  – 80

Ref. : The Environment (Protection) Rules, 1986, Fourth Amendment, 2008 notified by G.S.R.414(E), dated 30.5.2008.

Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager

(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager  
Authorised Signatory  
For, GREEN VISION



- Note: 1. This report refers to the values obtained at the time of testing and results related to the items tested.  
2. This certificate may not be reproduced in part or full without written permission of the management.  
3. Retention period of tested sample (Filter Paper) is 6 months from the date of issue test report unless otherwise specified.

## **ANNEXURE – VI**

**(Copy of AAQM Monitoring Report)**





# GREENVISION

(A leading environmental research laboratory)

Urvashi Malhar, Phase II, MEAV- 25, Bengal Ambuja Housing Complex,  
City Centre, Durgapur-713216

Contact: 0343-2542377, email: [greenvision.dgp@gmail.com](mailto:greenvision.dgp@gmail.com)

## TEST REPORT OF AMBIENT AIR ANALYSIS

FORMAT NO. : GV/LAB/FM/33A

Sample is drawn by **M/s. Greenvision**

U.L.R. No. : **TC110032400000732F**

Report No. : GV/AR/24-25/226  
Name of Customer : M/s. Maithan Steel & Power Ltd. (Unit – I)  
Address of Customer : P.O. : Bonra, P.S. : Neturia, Dist. : Purulia,  
Pin : 723121.  
Sample Description : Ambient Air  
Sampling Location : Murulia Village  
Sample Condition : In GMF Filter Paper & Plastic Bottle  
Location of Testing : At Laboratory

Sample Ref. ID : AS-150-2024(1)  
Report Date : 12.09.2024  
Date of Sampling : 28.08.2024 to  
29.08.2024  
Date of Receiving : 29.08.2024  
Analysis Started On : 30.08.2024  
Analysis Completed On : 31.08.2024  
Time of Sampling : 08:50 am to  
08:50 am

Sampling Method : CPCB, Emission Regulation (Part III)

### A. METROLOGICAL INFORMATION

Average Temperature ( $^{\circ}\text{C}$ ) : 31.8  
Average Relative Humidity (%) : 82.0  
Barometric Pressure (mm of Hg) : 753.0  
Smell or Odour : No Remarkable Smell  
Weather Condition : Clear Sky

### B. RESULT OF ANALYSIS

Sl. No.	Parameters	Unit	Concentration	Limit
01.	Concentration of PM <sub>10</sub>	$\mu\text{g}/\text{m}^3$	72.75	100.0
02.	Concentration of PM <sub>2.5</sub>	$\mu\text{g}/\text{m}^3$	37.49	60.0
03.	Concentration of SO <sub>2</sub>	$\mu\text{g}/\text{m}^3$	7.5	80.0
04.	Concentration of NO <sub>2</sub>	$\mu\text{g}/\text{m}^3$	34.1	80.0
05.	Concentration of Pb	$\mu\text{g}/\text{m}^3$	BDL	1.0
06.	Concentration of Benzene	$\mu\text{g}/\text{m}^3$	BDL	5.0
07.	Concentration of NH <sub>3</sub>	$\mu\text{g}/\text{m}^3$	6.78	400.0
08.	Concentration of CO	$\text{mg}/\text{m}^3$	0.265	4.0
09.	Concentration of Benzo(a)Pyrene	$\text{ng}/\text{m}^3$	BDL	5.0
10.	Concentration of As	$\text{ng}/\text{m}^3$	BDL	6.0
11.	Concentration of Ni	$\text{ng}/\text{m}^3$	BDL	20.0
12.	Concentration of Ozone as O <sub>3</sub>	$\mu\text{g}/\text{m}^3$	< 10.0	100.0

\* BDL Stands for Below detectable Limit

Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager



(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager  
Authorised Signatory  
For, GREEN VISION

- Note: 1. This report refers to the values obtained at the time of testing and results related to the items tested.  
2. This certificate may not be reproduced in part or full without written permission of the management.  
3. Retention period of tested sample (Filter Paper) is 6 months from the date of issue test report unless otherwise specified.



# GREENVISION

(A leading environmental research laboratory)  
Urvashi Malhar, Phase II, MEAV- 25, Bengal Ambuja Housing Complex,  
City Centre, Durgapur-713216  
Contact: 0343-2542377, email: [greenvision.dgp@gmail.com](mailto:greenvision.dgp@gmail.com)

## TEST REPORT OF AMBIENT AIR ANALYSIS

FORMAT NO. : GV/LAB/FM/33A

Sample is drawn by **M/s. Greenvision**

U.L.R. No. : TC110032400000733F

Report No. : GV/AR/24-25/228  
Name of Customer : M/s. Maithan Steel & Power Ltd. (Unit – I)  
Address of Customer : P.O. : Bonra, P.S. : Neturia, Dist. : Purulia,  
Pin : 723121.  
Sample Description : Ambient Air  
Sampling Location : Moutha Village  
Sample Condition : In GMF Filter Paper & Plastic Bottle  
Location of Testing : At Laboratory  
Sampling Method : CPCB, Emission Regulation (Part III)

Sample Ref. ID : AS-150-2024(3)  
Report Date : 12.09.2024  
Date of Sampling : 28.08.2024 to  
29.08.2024  
Date of Receiving : 29.08.2024  
Analysis Started On : 30.08.2024  
Analysis Completed On : 31.08.2024  
Time of Sampling : 09:45 am to  
09:45 am

### A. METROLOGICAL INFORMATION

Average Temperature (°C) : 31.8  
Average Relative Humidity (%) : 82.0  
Barometric Pressure (mm of Hg) : 753.0  
Smell or Odour : No Remarkable Smell  
Weather Condition : Clear Sky

### B. RESULT OF ANALYSIS

Sl. No.	Parameters	Unit	Concentration	Limit
01.	Concentration of PM10	µg/m <sup>3</sup>	62.26	100.0
02.	Concentration of PM2.5	µg/m <sup>3</sup>	32.49	60.0
03.	Concentration of SO <sub>2</sub>	µg/m <sup>3</sup>	6.67	80.0
04.	Concentration of NO <sub>2</sub>	µg/m <sup>3</sup>	34.76	80.0
05.	Concentration of Pb	µg/m <sup>3</sup>	BDL	1.0
06.	Concentration of Benzene	µg/m <sup>3</sup>	BDL	5.0
07.	Concentration of NH <sub>3</sub>	µg/m <sup>3</sup>	6.23	400.0
08.	Concentration of CO	mg/m <sup>3</sup>	0.228	4.0
09.	Concentration of Benzo(a)Pyrene	ng/m <sup>3</sup>	BDL	5.0
10.	Concentration of As	ng/m <sup>3</sup>	BDL	6.0
11.	Concentration of Ni	ng/m <sup>3</sup>	BDL	20.0
12.	Concentration of Ozone as O <sub>3</sub>	µg/m <sup>3</sup>	< 10.0	100.0

\* BDL Stands for Below detectable Limit

Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager



(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager  
Authorised Signatory  
For, GREEN VISION

- Note: 1. This report refers to the values obtained at the time of testing and results related to the items tested.  
2. This certificate may not be reproduced in part or full without written permission of the management.  
3. Retention period of tested sample (Filter Paper) is 6 months from the date of issue test report unless otherwise specified.



# GREENVISION

(A leading environmental research laboratory)  
Urvashi Malhar, Phase II, MEAV- 25, Bengal Ambuja Housing Complex,  
City Centre, Durgapur-713216

Contact: 0343-2542377, email: [greenvision.dgp@gmail.com](mailto:greenvision.dgp@gmail.com)

## TEST REPORT OF AMBIENT AIR ANALYSIS

FORMAT NO. : GV/LAB/FM/33A

Sample is drawn by **M/s. Greenvision**

U.L.R. No. : **TC110032400000745F**

Report No. : GV/AR/24-25/236  
Name of Customer : M/s. Maithan Steel & Power Ltd. (Unit – I)  
Address of Customer : P.O. : Bonra, P.S. : Neturia, Dist. : Purulia,  
Pin : 723121.  
Sample Description : Ambient Air  
Sampling Location : Bonra Village  
Sample Condition : In GMF Filter Paper & Plastic Bottle  
Location of Testing : At Laboratory

Sample Ref. ID : AS-151-2024(1  
Report Date : 12.09.2024  
Date of Sampling : 28.08.2024 to  
29.08.2024  
Date of Receiving : 29.08.2024  
Analysis Started On : 30.08.2024  
Analysis Completed On : 31.08.2024  
Time of Sampling : 10:50 am to  
10:50 am

Sampling Method : CPCB, Emission Regulation (Part III)

### A. METROLOGICAL INFORMATION

Average Temperature ( $^{\circ}\text{C}$ ) : 31.8  
Average Relative Humidity (%) : 82.0  
Barometric Pressure (mm of Hg) : 753.0  
Smell or Odour : No Remarkable Smell  
Weather Condition : Clear Sky

### B. RESULT OF ANALYSIS

Sl. No.	Parameters	Unit	Concentration	Limit
01.	Concentration of PM <sub>10</sub>	$\mu\text{g}/\text{m}^3$	66.69	100.0
02.	Concentration of PM <sub>2.5</sub>	$\mu\text{g}/\text{m}^3$	34.58	60.0
03.	Concentration of SO <sub>2</sub>	$\mu\text{g}/\text{m}^3$	8.33	80.0
04.	Concentration of NO <sub>2</sub>	$\mu\text{g}/\text{m}^3$	35.44	80.0
05.	Concentration of Pb	$\mu\text{g}/\text{m}^3$	BDL	1.0
06.	Concentration of Benzene	$\mu\text{g}/\text{m}^3$	BDL	5.0
07.	Concentration of NH <sub>3</sub>	$\mu\text{g}/\text{m}^3$	6.89	400.0
08.	Concentration of CO	$\text{mg}/\text{m}^3$	0.282	4.0
09.	Concentration of Benzo(a)Pyrene	$\text{ng}/\text{m}^3$	BDL	5.0
10.	Concentration of As	$\text{ng}/\text{m}^3$	BDL	6.0
11.	Concentration of Ni	$\text{ng}/\text{m}^3$	BDL	20.0
12.	Concentration of Ozone as O <sub>3</sub>	$\mu\text{g}/\text{m}^3$	< 10.0	100.0

\* BDL Stands for Below detectable Limit

Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager



(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager  
Authorised Signatory  
For, GREEN VISION

- Note: 1. This report refers to the values obtained at the time of testing and results related to the items tested.  
2. This certificate may not be reproduced in part or full without written permission of the management.  
3. Retention period of tested sample (Filter Paper) is 6 months from the date of issue test report unless otherwise specified.



# GREENVISION

(A leading environmental research laboratory)  
Urvashi Malhar, Phase II, MEAV- 25, Bengal Ambuja Housing Complex,  
City Centre, Durgapur-713216  
Contact: 0343-2542377, email: [greenvision.dgp@gmail.com](mailto:greenvision.dgp@gmail.com)

## TEST REPORT OF AMBIENT AIR ANALYSIS

FORMAT NO. : GV/LAB/FM/33A

Sample is drawn by **M/s. Greenvision**

U.L.R. No. : **TC110032400000746F**

Report No. : GV/AR/24-25/237  
Name of Customer : M/s. Maithan Steel & Power Ltd. (Unit – I)  
Address of Customer : P.O. : Bonra, P.S. : Neturia, Dist. : Purulia,  
Pin : 723121.  
Sample Description : Ambient Air  
Sampling Location : Near Plant Main Gate  
Sample Condition : In GMF Filter Paper & Plastic Bottle  
Location of Testing : At Laboratory  
Sampling Method : CPCB, Emission Regulation (Part III)

Sample Ref. ID : AS-151-2024(1)  
Report Date : 12.09.2024  
Date of Sampling : 28.08.2024  
29.08.2024  
Date of Receiving : 29.08.2024  
Analysis Started On : 30.08.2024  
Analysis Completed On : 31.08.2024  
Time of Sampling : 11:30 am to  
11:30 am

### A. METROLOGICAL INFORMATION

Average Temperature ( $^{\circ}\text{C}$ ) : 31.8  
Average Relative Humidity (%) : 82.0  
Barometric Pressure (mm of Hg) : 753.0  
Smell or Odour : No Remarkable Smell  
Weather Condition : Clear Sky

### B. RESULT OF ANALYSIS

Sl. No.	Parameters	Unit	Concentration	Limit
01.	Concentration of PM <sub>10</sub>	$\mu\text{g}/\text{m}^3$	75.52	100.0
02.	Concentration of PM <sub>2.5</sub>	$\mu\text{g}/\text{m}^3$	38.74	60.0
03.	Concentration of SO <sub>2</sub>	$\mu\text{g}/\text{m}^3$	9.17	80.0
04.	Concentration of NO <sub>2</sub>	$\mu\text{g}/\text{m}^3$	36.1	80.0
05.	Concentration of Pb	$\mu\text{g}/\text{m}^3$	BDL	1.0
06.	Concentration of Benzene	$\mu\text{g}/\text{m}^3$	BDL	5.0
07.	Concentration of NH <sub>3</sub>	$\mu\text{g}/\text{m}^3$	7.15	400.0
08.	Concentration of CO	$\text{mg}/\text{m}^3$	0.346	4.0
09.	Concentration of Benzo(a)Pyrene	$\text{ng}/\text{m}^3$	BDL	5.0
10.	Concentration of As	$\text{ng}/\text{m}^3$	BDL	6.0
11.	Concentration of Ni	$\text{ng}/\text{m}^3$	BDL	20.0
12.	Concentration of Ozone as O <sub>3</sub>	$\mu\text{g}/\text{m}^3$	< 10.0	100.0

\* BDL Stands for Below detectable Limit

Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager



(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager  
Authorised Signatory  
For, GREEN VISION

- Note: 1. This report refers to the values obtained at the time of testing and results related to the items tested.  
2. This certificate may not be reproduced in part or full without written permission of the management.  
3. Retention period of tested sample (Filter Paper) is 6 months from the date of issue test report unless otherwise specified.

## **ANNEXURE – VII**

**(Copy of Water Quality Analysis Report)**







# GREENVISION

(A leading environmental research laboratory)

Recognized by West Bengal Pollution Control Board

Urvashi Malhar, Phase II, MEAV-25, Bengal Ambuja Housing Complex, City Centre, Durgapur-713216

Contact : 0343-2543019, 9732580459, 9433158173, email : greenvision.dgp@gmail.com, Website : www.greenvisiondurgapur.com



TC-11003

## TEST REPORT OF WATER ANALYSIS

FORMAT NO. : GV/LAB/FM/33W

Sample is drawn by	: Vikas Ram of M/s. Greenvision	U.L.R. No.	: TC1100324000000
Sample identification	: Nil	Laboratory Ref. No.	: DS-030-2024
Report No.	: GV/DW/24-25/047	Report Date	: 12.09.2024
Issued To	: M/s. Maithan Steel & Power Ltd. (Unit – I)	Date of Sampling	: 28.08.2024
Address	: P.O. : Bonra, P.S. : Neturia, Dist. : Purulia, Pin : 723121.	Sample Received on	: 28.08.2024
Sample Condition	: In Glass Bottle & Plastic Bottle	Analysis Started on	: 29.08.2024
Sample Description	: Drinking Water	Analysis Completed on	: 05.09.2024
Sampling Method	: APHA 24 <sup>th</sup> EDITION, 1060	Time of Sampling	: 04:25 pm
Location	: Tap of Administrative Building	Testing Location	: At Laboratory

Sl. No.	Parameters	Unit	Result	As Per IS:10500:2012		Method Followed [APHA 24 <sup>th</sup> EDITION ]
				Acceptable Limit	Permissible limit in the absence of alternate source	
1.	pH (at 25°C)	-	7.25	6.5 to 8.5	No Relaxation	4500-H <sup>+</sup> B
2.	Colour	Hazen	1.0	5.0	15.0	2120 B
3.	Odour	-	Agreeable	Agreeable	Agreeable	2150 B
4.	Taste	-	Agreeable	Agreeable	Agreeable	2160 A
5.	Turbidity	N.T.U.	0.35	1	5	2130 B
6.	Conductivity	µS/cm	408.0	-	-	2510 B
7.	Total Dissolved Solid (TDS)	mg/L	318.5	500	2000	2540 C
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	73.6	200	600	2340 C
9.	Chloride as Cl	mg/L	25.62	250	1000	4500Cl <sup>-</sup> B
10.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	50.0	200	600	2320 B
11.	Sulfate as SO <sub>4</sub>	mg/L	45.18	200	400	4500 SO <sub>4</sub> <sup>2-</sup> E
12.	Nitrate as NO <sub>3</sub> <sup>-</sup>	mg/L	2.6	45.0	No Relaxation	4500 NO <sub>3</sub> <sup>-</sup>
13.	Fluoride as F	mg/L	BDL	1	1.5	4500 FD





# GREEN VISION



TC-11003

(A leading environmental research laboratory)

Recognized by West Bengal Pollution Control Board

Urvashi Malhar, Phase II, MEAV-25, Bengal Ambuja Housing Complex, City Centre, Durgapur-713216

Contact : 0343-2543019, 9732580459, 9433158173, email : greenvision.dgp@gmail.com, Website : www.greenvisiondurgapur.com

14.	Calcium as Ca	mg/L	17.96	75	200	3500- Ca B
15.	Magnesium as Mg	mg/L	7.0	30	100	3500- Mg B
16.	Iron as Fe	mg/L	BDL	0.3	No Relaxation	3500-Fe B
17.	Residual Free Chlorine	mg/L	Nil	0.2	1.0	4500-Cl B
18.	Aluminium as Al	mg/L	BDL	0.03	0.2	3500-Al B
19.	Total Chromium as Cr	mg/L	BDL	0.05	No Relaxation	3500-Cr C
20.	Copper as Cu	mg/L	BDL	0.05	1.5	3500-Cu B
21.	Lead as Pb	mg/L	BDL	0.01	No Relaxation	3500-Pb B
22.	Cyanide as Cn	mg/L	BDL	0.05	No Relaxation	4500-CN C
23.	Nickel as Ni	mg/L	BDL	0.02	No Relaxation	3500-Ni
24.	Cadmium as Cd	mg/L	BDL	0.003	No Relaxation	3500-Cd
25.	Arsenic as As	mg/L	BDL	0.01	0.05	3500-As B
26.	Zinc as Zn	mg/L	BDL	5.0	15.0	3500-Zn B
27.	Mercury as Hg	mg/L	BDL	0.001	No Relaxation	3500-Hg
28.	Total Coliform / 100ml.	MPN/100ml	Absent	Absent	Absent	9221 B
29.	E. Coli / 100ml	MPN/100ml	Absent	Absent	Absent	9221 F

BDL stands for Below Detectable Limit.

*S. Roy Chowdhury*  
Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager



*S. Roy Chowdhury*  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager  
Authorised Signatory  
For, GREEN VISION

- Note: 1. This report refers to the values obtained at the time of testing and results related to the items tested.  
2. This certificate may not be reproduced in part or full without written permission of the management.  
3. Retention period of tested sample is 1 month from the date of issue test report unless otherwise specified.

**ANNEXURE – VIII**  
**(Copy of Ground Water Report)**





# GREENVISION

(A leading environmental research laboratory)

Recognized by West Bengal Pollution Control Board

Urvashi Malhar, Phase II, MEAV-25, Bengal Ambuja Housing Complex, City Centre, Durgapur-713216

Contact : 0343-2543019, 9732580459, 9433158173, email : greenvision.dgp@gmail.com, Website : www.greenvisiondurgapur.com



## TEST REPORT OF WATER ANALYSIS

FORMAT NO. : GV/LAB/FM/33W

Sample is drawn by	: Vikas Ram of M/s. Greenvision	U.L.R. No.	: TC110032400000C
Sample identification	: Nil	Laboratory Ref. No.	: GS-021-2024(1)
Report No.	: GV/GW/24-25/048	Report Date	: 12.09.2024
Issued To	: M/s. Maithan Steel & Power Ltd. (Unit – I)	Date of Sampling	: 29.08.2024
Address	: P.O. : Bonra, P.S. : Neturia, Dist. : Purulia, Pin : 723121.	Sample Received on	: 29.08.2024
Sample Condition	: In Glass Bottle & Plastic Bottle	Analysis Started on	: 30.08.2024
Sample Description	: Ground Water	Analysis Completed on	: 06.09.2024
Sampling Method	: APHA 24 <sup>th</sup> EDITION, 1060	Time of Sampling	: 03:45 pm
Location	: Tube Well at Moutha Village	Testing Location	: At Laboratory

Sl. No.	Parameters	Unit	Result	As Per IS:10500:2012		Method Followed [APHA 24 <sup>th</sup> EDITION ]
				Acceptable Limit	Permissible limit in the absence of alternate source	
1.	pH (at 25°C)	-	7.08	6.5 to 8.5	No Relaxation	4500-H <sup>+</sup> B
2.	Colour	Hazen	1.0	5.0	15.0	2120 B
3.	Odour	-	Agreeable	Agreeable	Agreeable	2150 B
4.	Taste	-	Agreeable	Agreeable	Agreeable	2160 A
5.	Turbidity	N.T.U.	0.74	1	5	2130 B
6.	Conductivity	µS/cm	448.0	-	-	2510 B
7.	Total Dissolved Solid (TDS)	mg/L	320.0	500	2000	2540 C
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	124.8	200	600	2340 C
9.	Chloride as Cl	mg/L	46.32	250	1000	4500Cl <sup>-</sup> B
10.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	86.0	200	600	2320 B
11.	Sulfate as SO <sub>4</sub>	mg/L	34.18	200	400	4500 SO <sub>4</sub> <sup>2-</sup> E
12.	Nitrate as NO <sub>3</sub> <sup>-</sup>	mg/L	3.4	45.0	No Relaxation	4500 NO <sub>3</sub> <sup>-</sup>
13.	Fluoride as F	mg/L	BDL	1	1.5	4500 FD





# GREENVISION



TC-11003

(A leading environmental research laboratory)

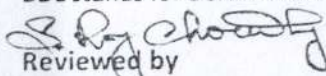
Recognized by West Bengal Pollution Control Board

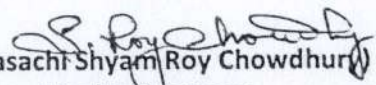
Urvashi Malhar, Phase II, MEAV-25, Bengal Ambuja Housing Complex, City Centre, Durgapur-713216

Contact : 0343-2543019, 9732580459, 9433158173, email : greenvision.dgp@gmail.com, Website : www.greenvisiondurgapur.com

14.	Calcium as Ca	mg/L	26.29	75	200	3500- Ca B
15.	Magnesium as Mg	mg/L	14.38	30	100	3500- Mg B
16.	Iron as Fe	mg/L	BDL	0.3	No Relaxation	3500-Fe B
17.	Residual Free Chlorine	mg/L	Nil	0.2	1.0	4500-Cl B
18.	Aluminium as Al	mg/L	BDL	0.03	0.2	3500-Al B
19.	Total Chromium as Cr	mg/L	BDL	0.05	No Relaxation	3500-Cr C
20.	Copper as Cu	mg/L	BDL	0.05	1.5	3500-Cu B
21.	Lead as Pb	mg/L	BDL	0.01	No Relaxation	3500-Pb B
22.	Cyanide as Cn	mg/L	BDL	0.05	No Relaxation	4500-CN C
23.	Nickel as Ni	mg/L	BDL	0.02	No Relaxation	3500-Ni
24.	Cadmium as Cd	mg/L	BDL	0.003	No Relaxation	3500-Cd
25.	Arsenic as As	mg/L	BDL	0.01	0.05	3500-As B
26.	Zinc as Zn	mg/L	BDL	5.0	15.0	3500-Zn B
27.	Mercury as Hg	mg/L	BDL	0.001	No Relaxation	3500-Hg
28.	Total Coliform / 100ml.	MPN/100ml	Absent	Absent	Absent	9221 B
29.	E. Coli / 100ml	MPN/100ml	Absent	Absent	Absent	9221 F

BDL stands for Below Detectable Limit

  
Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager

  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager  
Authorised Signatory  
For, GREEN VISION



- Note: 1. This report refers to the values obtained at the time of testing and results related to the items tested.  
2. This certificate may not be reproduced in part or full without written permission of the management.  
3. Retention period of tested sample is 1 month from the date of issue test report unless otherwise specified.



# GREENVISION

(A leading environmental research laboratory)

Recognized by West Bengal Pollution Control Board

Urvashi Malhar, Phase II, MEAV-25, Bengal Ambuja Housing Complex, City Centre, Durgapur-713216

Contact : 0343-2543019, 9732580459, 9433158173, email : greenvision.dgp@gmail.com, Website : www.greenvisiondurgapur.com



## TEST REPORT OF WATER ANALYSIS

FORMAT NO. : GV/LAB/FM/33W

Sample is drawn by	: Vikas Ram of M/s. Greenvision	U.L.R. No.	: TC1100324000000
Sample identification	: Nil	Laboratory Ref. No.	: GS-021-2024(2)
Report No.	: GV/GW/24-25/049	Report Date	: 12.09.2024
Issued To	: M/s. Maithan Steel & Power Ltd. (Unit – I)	Date of Sampling	: 29.08.2024
Address	: P.O. : Bonra, P.S. : Neturia, Dist. : Purulia, Pin : 723121.	Sample Received on	: 29.08.2024
Sample Condition	: In Glass Bottle & Plastic Bottle	Analysis Started on	: 30.08.2024
Sample Description	: Ground Water	Analysis Completed on	: 06.09.2024
Sampling Method	: APHA 24 <sup>th</sup> EDITION, 1060	Time of Sampling	: 04:10 pm
Location	: Well at Bonra Village	Testing Location	: At Laboratory

Sl. No.	Parameters	Unit	Result	As Per IS:10500:2012		Method Followed [APHA 24 <sup>th</sup> EDITION ]
				Acceptable Limit	Permissible limit in the absence of alternate source	
1.	pH (at 25°C)	-	7.34	6.5 to 8.5	No Relaxation	4500-H <sup>+</sup> B
2.	Colour	Hazen	1.0	5.0	15.0	2120 B
3.	Odour	-	Agreeable	Agreeable	Agreeable	2150 B
4.	Taste	-	Agreeable	Agreeable	Agreeable	2160 A
5.	Turbidity	N.T.U.	0.64	1	5	2130 B
6.	Conductivity	µS/cm	482.0	-	-	2510 B
7.	Total Dissolved Solid (TDS)	mg/L	347.8	500	2000	2540 C
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	140.8	200	600	2340 C
9.	Chloride as Cl	mg/L	49.28	250	1000	4500Cl <sup>-</sup> B
10.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	170.0	200	600	2320 B
11.	Sulfate as SO <sub>4</sub>	mg/L	40.35	200	400	4500 SO <sub>4</sub> <sup>2-</sup> E
12.	Nitrate as NO <sub>3</sub> <sup>-</sup>	mg/L	4.0	45.0	No Relaxation	4500 NO <sub>3</sub> <sup>-</sup>
13.	Fluoride as F	mg/L	BDL	1	1.5	4500 FD





# GREENVISION



(A leading environmental research laboratory)

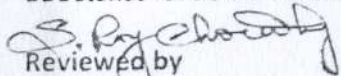
Recognized by West Bengal Pollution Control Board

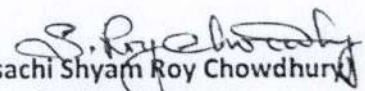
Urvashi Malhar, Phase II, MEAV-25, Bengal Ambuja Housing Complex, City Centre, Durgapur-713216

Contact : 0343-2543019, 9732580459, 9433158173, email : greenvision.dgp@gmail.com, Website : www.greenvisiondurgapur.com

14.	Calcium as Ca	mg/L	30.78	75	200	3500- Ca B
15.	Magnesium as Mg	mg/L	15.55	30	100	3500- Mg B
16.	Iron as Fe	mg/L	0.12	0.3	No Relaxation	3500-Fe B
17.	Residual Free Chlorine	mg/L	Nil	0.2	1.0	4500-Cl B
18.	Aluminium as Al	mg/L	BDL	0.03	0.2	3500-Al B
19.	Total Chromium as Cr	mg/L	BDL	0.05	No Relaxation	3500-Cr C
20.	Copper as Cu	mg/L	BDL	0.05	1.5	3500-Cu B
21.	Lead as Pb	mg/L	BDL	0.01	No Relaxation	3500-Pb B
22.	Cyanide as Cn	mg/L	BDL	0.05	No Relaxation	4500-CN C
23.	Nickel as Ni	mg/L	BDL	0.02	No Relaxation	3500-Ni
24.	Cadmium as Cd	mg/L	BDL	0.003	No Relaxation	3500-Cd
25.	Arsenic as As	mg/L	BDL	0.01	0.05	3500-As B
26.	Zinc as Zn	mg/L	BDL	5.0	15.0	3500-Zn B
27.	Mercury as Hg	mg/L	BDL	0.001	No Relaxation	3500-Hg
28.	Total Coliform / 100ml.	MPN/100ml	Absent	Absent	Absent	9221 B
29.	E. Coli / 100ml	MPN/100ml	Absent	Absent	Absent	9221 F

BDL stands for Below Detectable Limit

  
Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager

  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager  
Authorised Signatory  
For, GREEN VISION



- Note: 1. This report refers to the values obtained at the time of testing and results related to the items tested.  
2. This certificate may not be reproduced in part or full without written permission of the management.  
3. Retention period of tested sample is 1 month from the date of issue test report unless otherwise specified.



# GREENVISION

(A leading environmental research laboratory)

Recognized by West Bengal Pollution Control Board

Urvashi Malhar, Phase II, MEAV-25, Bengal Ambuja Housing Complex, City Centre, Durgapur-713216  
Contact : 0343-2543019, 9732580459, 9433158173, email : greenvision.dgp@gmail.com, Website : www.greenvisiondurgapur.com



## TEST REPORT OF WATER ANALYSIS

FORMAT NO. : GV/LAB/FM/33W

Sample is drawn by	: Vikas Ram of M/s. Greenvision	U.L.R. No.	: TC1100324000000
Sample identification	: Nil	Laboratory Ref. No.	: GS-022-2024
Report No.	: GV/GW/24-25/050	Report Date	: 12.09.2024
Issued To	: M/s. Maithan Steel & Power Ltd. (Unit – I)	Date of Sampling	: 30.08.2024
Address	: P.O. : Bonra, P.S. : Neturia, Dist. : Purulia, Pin : 723121.	Sample Received on	: 30.08.2024
Sample Condition	: In Glass Bottle & Plastic Bottle	Analysis Started on	: 31.08.2024
Sample Description	: Ground Water	Analysis Completed on	: 07.09.2024
Sampling Method	: APHA 24 <sup>th</sup> EDITION, 1060	Time of Sampling	: 03:50 pm
Location	: Bore Well Inside Factory Premises	Testing Location	: At Laboratory

Sl. No.	Parameters	Unit	Result	As Per IS:10500:2012		Method Followed [APHA 24 <sup>th</sup> EDITION]
				Acceptable Limit	Permissible limit in the absence of alternate source	
1	pH (at 25°C)	-	7.99	6.5 to 8.5	No Relaxation	4500-H <sup>+</sup> B
2	Colour	Hazen	1.0	5.0	15.0	2120 B
3	Odour	-	Agreeable	Agreeable	Agreeable	2150 B
4	Taste	-	Agreeable	Agreeable	Agreeable	2160 A
5	Turbidity	N.T.U.	0.86	1	5	2130 B
6	Conductivity	µS/cm	655.0	-	-	2510 B
7	Total Dissolved Solid (TDS)	mg/L	472.0	500	2000	2540 C
8	Total Hardness as CaCO <sub>3</sub>	mg/L	148.8	200	600	2340 C
9	Chloride as Cl	mg/L	52.23	250	1000	4500Cl <sup>-</sup> B
10	Total Alkalinity as CaCO <sub>3</sub>	mg/L	162.0	200	600	2320 B
11	Sulfate as SO <sub>4</sub>	mg/L	42.35	200	400	4500 SO <sub>4</sub> <sup>2-</sup> E
12	Nitrate as NO <sub>3</sub> <sup>-</sup>	mg/L	4.4	45.0	No Relaxation	4500 NO <sub>3</sub> <sup>-</sup>
13	Fluoride as F	mg/L	BDL	1	1.5	4500 FD







# GREENVISION



(A leading environmental research laboratory)

Recognized by West Bengal Pollution Control Board

Urvashi Malhar, Phase II, MEAV-25, Bengal Ambuja Housing Complex, City Centre, Durgapur-713216

Contact : 0343-2543019, 9732580459, 9433158173, email : greenvision.dgp@gmail.com, Website : www.greenvisiondurgapur.com

14.	Calcium as Ca	mg/L	41.04	75	200	3500- Ca B
15.	Magnesium as Mg	mg/L	11.28	30	100	3500- Mg B
16.	Iron as Fe	mg/L	BDL	0.3	No Relaxation	3500-Fe B
17.	Residual Free Chlorine	mg/L	Nil	0.2	1.0	4500-Cl B
18.	Aluminium as Al	mg/L	BDL	0.03	0.2	3500-Al B
19.	Total Chromium as Cr	mg/L	BDL	0.05	No Relaxation	3500-Cr C
20.	Copper as Cu	mg/L	BDL	0.05	1.5	3500-Cu B
21.	Lead as Pb	mg/L	BDL	0.01	No Relaxation	3500-Pb B
22.	Cyanide as Cn	mg/L	BDL	0.05	No Relaxation	4500-CN C
23.	Nickel as Ni	mg/L	BDL	0.02	No Relaxation	3500-Ni
24.	Cadmium as Cd	mg/L	BDL	0.003	No Relaxation	3500-Cd
25.	Arsenic as As	mg/L	BDL	0.01	0.05	3500-As B
26.	Zinc as Zn	mg/L	BDL	5.0	15.0	3500-Zn B
27.	Mercury as Hg	mg/L	BDL	0.001	No Relaxation	3500-Hg
28.	Total Coliform / 100ml.	MPN/100ml	Absent	Absent	Absent	9221 B
29.	E. Coli / 100ml	MPN/100ml	Absent	Absent	Absent	9221 F

BDL stands for Below Detectable Limit

Reviewed by  
*S. Shyam Roy Chowdhury*  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager

*S. Shyam Roy Chowdhury*  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager  
Authorised Signatory  
For, GREEN VISION



- Note: 1. This report refers to the values obtained at the time of testing and results related to the items tested.  
2. This certificate may not be reproduced in part or full without written permission of the management.  
3. Retention period of tested sample is 1 month from the date of issue test report unless otherwise specified.

## **ANNEXURE – IX**

**(Copy of Ambient & Work zone Noise Quality Analysis Report)**





# GREENVISION



(A leading environmental research laboratory)

Recognized by West Bengal Pollution Control Board

Urvashi Malhar, Phase II, MEAV-25, Bengal Ambuja Housing Complex, City Centre, Durgapur-713216

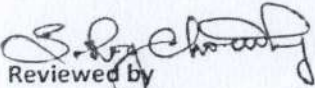
Contact : 0343-2543019, 9732580459, 9433158173, email : greenvision.dgp@gmail.com, Website : www.greenvisiondurgapur.com

## TEST REPORT OF NOISE LEVEL MONITORING

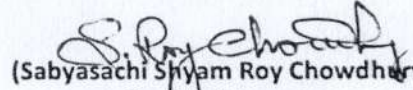
FORMAT NO. : GV/LAB/FM/33N

Sample is drawn by : M/s. Greenvision U.L.R. No. : TC1100324000000751F  
Report No. : GV/NL/24-25/044 Sample Ref. ID : NLM-033-2024(1)  
Name of Customer : M/s. Maithan Steel & Power Ltd. (Unit – I) Report Date : 12.09.2024  
Address of Customer : P.O. : Bonra, P.S. : Neturia, Dist. : Purulia, Date of Sampling : 28.08.2024 & 29.08.2024  
Pin : 723121. Total Time : 24 Hr.  
Sample Description : Noise Level (24 Hrs.) Sampling Method : IS : 9989 :1981  
Sampling Location : 2 X 100 TPD ESP Area  
Monitoring Details : Distance from Object : 3.0 Mtr.  
Height from the Ground : 1.5 Mtr.

Time	Lmax dB (A)	Lmin dB (A)	Leq dB (A)
09:15 hrs. to 10:15 hrs.	67.2	60.3	64.5
10:15 hrs. to 11:15 hrs.	70.5	62.4	67.9
11:15 hrs. to 12:15 hrs.	71.6	64.5	69.3
12:15 hrs. to 13:15 hrs.	69.5	62.7	67.3
13:15 hrs. to 14:15 hrs.	67.6	60.8	65.7
14:15 hrs. to 15:15 hrs.	72.9	65.0	70.3
15:15 hrs. to 16:15 hrs.	73.3	66.4	71.2
16:15 hrs. to 17:15 hrs.	71.6	65.2	69.8
17:15 hrs. to 18:15 hrs.	69.5	63.3	67.8
18:15 hrs. to 19:15 hrs.	67.2	60.1	65.0
19:15 hrs. to 20:15 hrs.	64.8	58.4	68.1
20:15 hrs. to 21:15 hrs.	69.5	62.3	67.4
21:15 hrs. to 22:15 hrs.	68.2	61.7	66.8
22:15 hrs. to 23:15 hrs.	73.3	65.3	70.7
23:15 hrs. to 00:15 hrs.	72.9	64.7	70.2
00:15 hrs. to 01:15 hrs.	74.8	66.6	72.0
01:15 hrs. to 02:15 hrs.	71.6	63.0	68.6
02:15 hrs. to 03:15 hrs.	73.9	65.7	71.0
03:15 hrs. to 04:15 hrs.	76.2	68.4	73.6
04:15 hrs. to 05:15 hrs.	75.4	67.2	72.7
05:15 hrs. to 06:15 hrs.	73.2	63.5	69.8
06:15 hrs. to 07:15 hrs.	69.5	62.3	67.2
07:15 hrs. to 08:15 hrs.	68.4	61.6	66.2
08:15 hrs. to 09:15 hrs.	71.6	63.7	69.0

  
Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager



  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager  
Authorised Signatory  
For, GREEN VISION

Note: 1. This report refers to the values obtained at the time of testing and results related to the items tested.  
2. This certificate may not be reproduced in part or full without written permission of the management.



# GREEN VISION

(A leading environmental research laboratory)

Recognized by West Bengal Pollution Control Board

Urvashi Malhar, Phase II, MEAV-25, Bengal Ambuja Housing Complex, City Centre, Durgapur-713216

Contact : 0343-2543019, 9732580459, 9433158173, email : greenvision.dgp@gmail.com, Website : www.greenvisiondurgapur.com



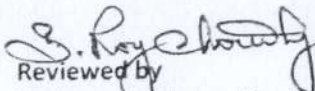
## TEST REPORT OF NOISE LEVEL MONITORING

FORMAT NO. : GV/LAB/FM/33N


Sample is drawn by : M/s. Greenvision  
Report No. : GV/NL/24-25/045  
Name of Customer : M/s. Maithan Steel & Power Ltd. (Unit - I)  
Address of Customer : P.O. : Bonra, P.S. : Neturia, Dist. : Purulia, Pin : 723121.  
Sample Description : Noise Level (24 Hrs.)  
Sampling Location : 350 TPD ESP Area  
Monitoring Details : Distance from Object : 3.0 Mtr,  
Height from the Ground : 1.5 Mtr.

U.L.R. No. : TC110032400000752F  
Sample Ref. ID : NLM-033-2024(2)  
Report Date : 12.09.2024  
Date of Sampling : 28.08.2024 & 29.08.2024  
Total Time : 24 Hr.  
Sampling Method : IS : 9989 : 1981

Time	Lmax dB (A)	Lmin dB (A)	Leq dB (A)
10:02 hrs. to 11:02 hrs.	71.6	65.3	69.7
11:02 hrs. to 12:02 hrs.	74.3	67.2	72.0
12:02 hrs. to 13:02 hrs.	73.9	66.8	71.8
13:02 hrs. to 14:02 hrs.	75.4	69.1	73.6
14:02 hrs. to 15:02 hrs.	77.2	71.0	75.3
15:02 hrs. to 16:02 hrs.	76.9	70.7	75.1
16:02 hrs. to 17:02 hrs.	71.6	64.8	69.5
17:02 hrs. to 18:02 hrs.	70.8	63.2	68.4
18:02 hrs. to 19:02 hrs.	77.2	70.1	75.0
19:02 hrs. to 20:02 hrs.	76.9	69.5	74.5
20:02 hrs. to 21:02 hrs.	75.4	68.6	73.2
21:02 hrs. to 22:02 hrs.	73.9	67.0	71.8
22:02 hrs. to 23:02 hrs.	72.8	65.4	70.3
23:02 hrs. to 00:02 hrs.	71.6	63.3	68.8
00:02 hrs. to 01:02 hrs.	75.4	67.2	72.7
01:02 hrs. to 02:02 hrs.	70.8	63.0	68.1
02:02 hrs. to 03:02 hrs.	73.9	66.2	71.4
03:02 hrs. to 04:02 hrs.	69.5	62.9	67.4
04:02 hrs. to 05:02 hrs.	68.7	62.4	67.0
05:02 hrs. to 06:02 hrs.	70.2	63.3	68.2
06:02 hrs. to 07:02 hrs.	76.9	68.1	73.8
07:02 hrs. to 08:02 hrs.	75.4	68.6	73.2
08:02 hrs. to 09:02 hrs.	73.9	67.3	72.0
09:02 hrs. to 10:02 hrs.	74.2	66.8	71.7

  
Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager

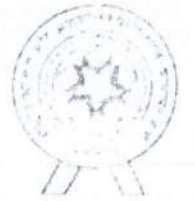


  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager  
Authorised Signatory  
For, GREEN VISION

Note: 1. This report refers to the values obtained at the time of testing and results related to the items tested.  
2. This certificate may not be reproduced in part or full without written permission of the management.



# GREENVISION



TC-11003

(A leading environmental research laboratory)

Recognized by West Bengal Pollution Control Board

Urvashi Malhar, Phase II, MEAV-25, Bengal Ambuja Housing Complex, City Centre, Durgapur-713216

Contact : 0343-2543019, 9732580459, 9433158173, email : greenvision.dgp@gmail.com, Website : www.greenvisiondurgapur.com

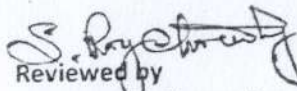
## TEST REPORT OF NOISE LEVEL MONITORING

FORMAT NO. : GV/LAB/FM/33N

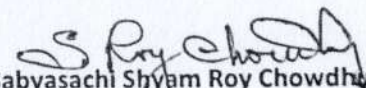
Sample is drawn by : M/s. Greenvision  
Report No. : GV/NL/24-25/046  
Name of Customer : M/s. Maithan Steel & Power Ltd. (Unit - I)  
Address of Customer : P.O. : Bonra, P.S. : Neturia, Dist. : Purulia, Pin : 723121.  
Sample Description : Noise Level (24 Hrs.)  
Sampling Location : 9 MVA Furnace Area (Ferro)  
Monitoring Details : Distance from Object : 3.0 Mtr.  
Height from the Ground : 1.5 Mtr.

U.L.R. No. : TC1100324000000753F  
Sample Ref. ID : NLM-033-2024(3)  
Report Date : 12.09.2024  
Date of Sampling : 29.08.2024 & 30.08.2024  
Total Time : 24 Hr.  
Sampling Method : IS : 9889 :1981

Time	Lmax dB (A)	Lmin dB (A)	Leq dB (A)
10:25 hrs. to 11:25 hrs.	78.2	72.4	76.6
11:25 hrs. to 12:25 hrs.	76.9	68.7	74.0
12:25 hrs. to 13:25 hrs.	80.2	73.2	78.0
13:25 hrs. to 14:25 hrs.	77.4	72.5	77.7
14:25 hrs. to 15:25 hrs.	76.9	69.0	74.2
15:25 hrs. to 16:25 hrs.	75.4	67.9	73.0
16:25 hrs. to 17:25 hrs.	78.2	71.8	76.3
17:25 hrs. to 18:25 hrs.	75.9	66.7	72.5
18:25 hrs. to 19:25 hrs.	77.8	70.3	75.2
19:25 hrs. to 20:25 hrs.	72.9	65.0	70.4
20:25 hrs. to 21:25 hrs.	75.4	67.5	72.8
21:25 hrs. to 22:25 hrs.	71.7	64.2	69.2
22:25 hrs. to 23:25 hrs.	70.8	63.7	68.6
23:25 hrs. to 00:25 hrs.	71.6	62.9	68.3
00:25 hrs. to 01:25 hrs.	72.3	66.0	70.4
01:25 hrs. to 02:25 hrs.	70.8	64.2	68.8
02:25 hrs. to 03:25 hrs.	72.5	67.5	71.3
03:25 hrs. to 04:25 hrs.	71.5	63.3	68.9
04:25 hrs. to 05:25 hrs.	73.2	65.8	70.7
05:25 hrs. to 06:25 hrs.	72.9	64.6	70.0
06:25 hrs. to 07:25 hrs.	70.5	62.9	68.0
07:25 hrs. to 08:25 hrs.	74.8	67.2	72.2
08:25 hrs. to 09:25 hrs.	73.9	64.1	70.3
09:25 hrs. to 10:25 hrs.	75.3	65.7	71.8

  
Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager



  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager  
Authorised Signatory  
For, GREEN VISION

Note: 1. This report refers to the values obtained at the time of testing and results related to the items tested.  
2. This certificate may not be reproduced in part or full without written permission of the management.



# GREEN VISION



(A leading environmental research laboratory)

Recognized by West Bengal Pollution Control Board

Urvashi Malhar, Phase II, MEAV-25, Bengal Ambuja Housing Complex, City Centre, Durgapur-713216  
Contact : 0343-2543019, 9732580459, 9433158173, email : greenvision.dgp@gmail.com, Website : www.greenvisiondurgapur.com

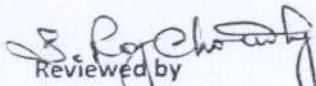
## TEST REPORT OF NOISE LEVEL MONITORING

FORMAT NO. : GV/LAB/FM/33N

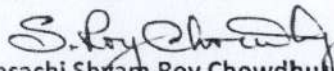
Sample is drawn by : M/s. Greenvision  
Report No. : GV/NL/24-25/047  
Name of Customer : M/s. Maithan Steel & Power Ltd. (Unit - I)  
Address of Customer : P.O. : Bonra, P.S. : Neturia, Dist. : Purulia, Pin : 723121.  
Sample Description : Noise Level (24 Hrs.)  
Sampling Location : Turbine Floor (C.P.P.)  
Monitoring Details : Distance from Object : 3.0 Mtr.  
Height from the Ground : 1.5 Mtr.

U.L.R. No. : TC1100324000000766F  
Sample Ref. ID : NLM-034-2024  
Report Date : 12.09.2024  
Date of Sampling : 29.08.2024 & 30.08.2024  
Total Time : 24 Hr.  
Sampling Method : IS : 9929 :1981

Time	Lmax dB (A)	Lmin dB (A)	Leq dB (A)
11:08 hrs. to 12:08 hrs.	65.4	59.3	63.7
12:08 hrs. to 13:08 hrs.	68.2	61.7	66.2
13:08 hrs. to 14:08 hrs.	67.2	60.8	65.2
14:08 hrs. to 15:08 hrs.	70.5	62.3	67.8
15:08 hrs. to 16:08 hrs.	72.3	65.0	68.0
16:08 hrs. to 17:08 hrs.	71.6	66.2	70.2
17:08 hrs. to 18:08 hrs.	73.3	67.5	71.7
18:08 hrs. to 19:08 hrs.	74.8	68.7	73.0
19:08 hrs. to 20:08 hrs.	76.7	71.2	75.3
20:08 hrs. to 21:08 hrs.	75.4	69.1	73.5
21:08 hrs. to 22:08 hrs.	69.5	63.2	67.7
22:08 hrs. to 23:08 hrs.	67.2	62.5	66.1
23:08 hrs. to 00:08 hrs.	66.9	60.7	65.0
00:08 hrs. to 01:08 hrs.	68.2	63.3	67.0
01:08 hrs. to 02:08 hrs.	70.5	64.4	68.8
02:08 hrs. to 03:08 hrs.	71.6	66.2	70.1
03:08 hrs. to 04:08 hrs.	67.2	62.1	65.8
04:08 hrs. to 05:08 hrs.	69.5	63.0	67.5
05:08 hrs. to 06:08 hrs.	68.3	62.7	66.8
06:08 hrs. to 07:08 hrs.	71.6	65.4	69.7
07:08 hrs. to 08:08 hrs.	70.5	64.8	68.9
08:08 hrs. to 09:08 hrs.	67.5	62.2	66.0
09:08 hrs. to 10:08 hrs.	72.9	65.8	70.6
10:08 hrs. to 11:08 hrs.	75.4	69.9	73.9

  
Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager



  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager  
Authorised Signatory  
For, GREEN VISION

Note: 1. This report refers to the values obtained at the time of testing and results related to the items tested.  
2. This certificate may not be reproduced in part or full without written permission of the management.



# GREENVISION

(A leading environmental research laboratory)

Recognized by West Bengal Pollution Control Board

Urvashi Malhar, Phase II, MEAV-25, Bengal Ambuja Housing Complex, City Centre, Durgapur-713216  
Contact : 0343-2543019, 9732580459, 9433158173, email : greenvision.dgp@gmail.com, Website : www.greenvisiondurgapur.com



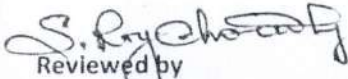
TC-11003

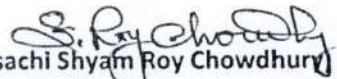
## TEST REPORT OF NOISE LEVEL MONITORING

FORMAT NO. : GV/LAB/FM/33N

Sample is drawn by : M/s. Greenvision U.L.R. No. : TC110032400000738F  
Report No. : GV/NL/24-25/041 Sample Ref. ID : NLM-032-2024(1)  
Name of Customer : M/s. Maithan Steel & Power Ltd. (Unit – I) Report Date : 12.09.2024  
Address of Customer : P.O. : Bonra, P.S. : Neturia, Dist. : Purulia, Date of Sampling : 28.08.2024 & 29.08.2024  
Pin : 723121. Total Time : 1 Hr.  
Sample Description : Noise Level Sampling Method : IS : 9989 :1981  
Sampling Location : Near Plant Main Gate  
Noise Level Limit : Day Time : 75 dB(A), Night Time : 65 dB(A)  
{ Source : The Noise Pollution (Regulation and Control) Rules, 2000}  
Monitoring Details : Distance from Object : 3.0 Mtr.  
Height from the Ground : 1.5 Mtr.  
Category of Area : Industrial Area

Noise Level dB (A)					
Day Time (09:05 Hrs to 10:05 Hrs.)			Night Time (01:15 Hrs. to 02:15 Hrs.)		
Max.	Min.	Leq.	Max.	Min.	Leq.
75.4	63.8	69.9	57.2	45.4	52.1

  
Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager

  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager  
Authorised Signatory  
For, GREEN VISION



Note: 1. This report refers to the values obtained at the time of testing and results related to the items tested.  
2. This certificate may not be reproduced in part or full without written permission of the management.



# GREENVISION



(A leading environmental research laboratory)

Recognized by West Bengal Pollution Control Board

Urvashi Malhar, Phase II, MEAV-25, Bengal Ambuja Housing Complex, City Centre, Durgapur-713216

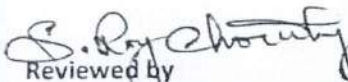
Contact : 0343-2543019, 9732580459, 9433158173, email : greenvision.dgp@gmail.com, Website : www.greenvisiondurgapur.com

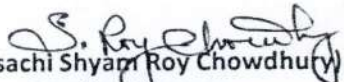
## TEST REPORT OF NOISE LEVEL MONITORING

FORMAT NO. : GV/LAB/FM/33N

Sample is drawn by	: M/s. Greenvision	U.L.R. No. : TC1100324000000739F
Report No.	: GV/NL/24-25/042	Sample Ref. ID : NLM-032-2024(2)
Name of Customer	: M/s. Maithan Steel & Power Ltd. (Unit – I)	Report Date : 12.09.2024
Address of Customer	: P.O. : Bonra, P.S. : Neturia, Dist. : Purulia, Pin : 723121.	Date of Sampling : 28.08.2024 & 29.08.2024
Sample Description	: Noise Level	Total Time : 1 Hr.
Sampling Location	: Bonra Village	Sampling Method : IS : 9889 :1981
Noise Level Limit	: Day Time : 55 dB(A), Night Time : 45 dB(A) { Source : The Noise Pollution (Regulation and Control) Rules, 2000}	
Monitoring Details	: Distance from Object : 3.0 Mtr. Height from the Ground : 1.5 Mtr.	
Category of Area	: Residential Area	

Noise Level dB (A)					
Day Time (11:02 Hrs to 12:02 Hrs.)			Night Time (23:35 Hrs. to 00:35 Hrs.)		
Max.	Min.	Leq.	Max.	Min.	Leq.
64.1	55.4	60.2	50.5	44.3	47.3

  
Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager

  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager  
Authorised Signatory  
For, GREEN VISION



Note: 1. This report refers to the values obtained at the time of testing and results related to the items tested.  
2. This certificate may not be reproduced in part or full without written permission of the management.





# GREENVISION



(A leading environmental research laboratory)

Recognized by West Bengal Pollution Control Board

Urvashi Malhar, Phase II, MEAV-25, Bengal Ambuja Housing Complex, City Centre, Durgapur-713216

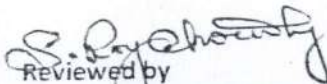
Contact : 0343-2543019, 9732580459, 9433158173, email : greenvision.dgp@gmail.com, Website : www.greenvisiondurgapur.com

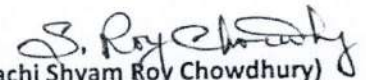
## TEST REPORT OF NOISE LEVEL MONITORING

FORMAT NO. : GV/LAB/FM/33N

Sample is drawn by : M/s. Greenvision U.L.R. No. : TC110032400000740F  
Report No. : GV/NL/24-25/043 Sample Ref. ID : NLM-032-2024(3)  
Name of Customer : M/s. Maithan Steel & Power Ltd. (Unit – I) Report Date : 12.09.2024  
Address of Customer : P.O. : Bonra, P.S. : Neturia, Dist. : Purulia, Date of Sampling : 29.08.2024  
Pin : 723121.  
Sample Description : Noise Level Total Time : 1 Hr.  
Sampling Location : Murulia Village Sampling Method : IS : 9989 :1981  
Noise Level Limit : Day Time : 55 dB(A), Night Time : 45 dB(A)  
{ Source : The Noise Pollution (Regulation and Control) Rules, 2000}  
Monitoring Details : Distance from Object : 3.0 Mtr.  
Height from the Ground : 1.5 Mtr.  
Category of Area : Residential Area

Noise Level dB (A)					
Day Time (12:43 Hrs to 01:43 Hrs.)			Night Time (22:05 Hrs. to 23:05 Hrs.)		
Max.	Min.	Leq.	Max.	Min.	Leq.
63.3	56.9	60.0	53.2	45.4	49.8

  
Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager

  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager  
Authorised Signatory  
For, GREEN VISION



Note: 1. This report refers to the values obtained at the time of testing and results related to the items tested.  
2. This certificate may not be reproduced in part or full without written permission of the management.

## **ANNEXURE – X**

**(Copy of Occupational Health Report)**



# BARAKAR X-RAY CLINIC & SCAN CENTRE

G. T. Road, Barakar-713 324, Phone : 0341-2520462  
Working Hours :- 9 am. to 7 pm. daily

To

THE MAITHAN STEEL & POWER LIMITED

PO: BONRA

PS: NITURIA

DIST: PURULIA (W.B.)

Dear Sir,

AS PER YOUR WORK ORDER NO: - MSPLU-2/23-24/294, DATED: - 09/09/2024

FOLLOWING PATIENTS TEST DONE.

THE ENCLOSE FILE GIVEN AS AN ATTACHMENT.

1. Sourav Banerjee
2. Deepak Kumar Chaudhary
3. Sumit Mondal
4. Anirban Chowni
5. Saroj Kuila
6. Arjun Kundu
7. Joydeb Modak
8. Subhajit Mondal
9. Narendranath Maji
10. Phulan Mahato

BARAKAR X-RAY CLINIC & SCAN CENTRE  
G.T. ROAD, BARAKAR - 713324



Dr. Abir Guha  
MBBS, DNB, M.D. (PATH)  
Consultant Pathologist

Verified by -  
Chief Technologist  
(Path)

Dr. Manoj Kumar  
MD. (Radio-Diagnosis)  
Consultant Radiologist

Dr. Abhishek Ghosh  
M.B.B.S. DMRD  
Consultant Radiologist

C. T. SCAN, 4D ULTRASOUND, Color Doppler, Small Parts USG, Digital X-Ray, Echo-Cardiography & Pathology

This is a professional opinion, not a final diagnosis. It should be considered along with other clinical findings and may be reviewed in case of any discrepancy.

BARAKAR X-RAY CLINIC & SCAN CENTER

TEST DONE ON-24.09.2024

SL.NO	NAME	BLOOD ANALYSIS										ECG	PFT	X-RAY (CHEST)
		HEMOGLOBIN (gm/dl)	WBC(CMM)	NEUTROPHIL (%)	LYMPHOCYTES (%)	MONOCYTES (%)	EOSINOPHILS (%)	BASOPHIL (%)	ESR(mm)	BLOOD GROUP				
1	Sourav Banerjee	14.2	6,700	70	20	0	0	0	0	8	"A"+	SINUS ARRHYTHMIA	SEVERE RESTRICTION	WITHIN NORMAL LIMIT
2	Deepak Kumar Chaudhary	13.8	7,500	70	30	0	0	0	0	5	"O"+	SINUS RHYTHM	MODERATE RESTRICTION	WITHIN NORMAL LIMIT
3	Sumit Mondal	13.6	8,600	60	60	0	4	0	0	15	"B"+	SINUS ARRHYTHMIA	MODERATE RESTRICTION	WITHIN NORMAL LIMIT
4	Anirban Chowni	11.3	8,300	50	30	0	0	0	0	10	"AB"+	SINUS ARRHYTHMIA	NORMAL SPIROMETRY	WITHIN NORMAL LIMIT
5	Saroj Kuila	15.5	8,100	48	30	2	18	0	0	30	"B"+	SINUS RHYTHM	NORMAL SPIROMETRY	WITHIN NORMAL LIMIT
6	Arjun Kundu	14.3	10,500	46	20	0	0	0	0	6	"O"+	SINUS ARRHYTHMIA	SEVERE RESTRICTION	WITHIN NORMAL LIMIT
7	Joydeb Modak	14.2	6,700	70	20	0	0	0	0	8	"A"+	SINUS ARRHYTHMIA	SEVERE RESTRICTION	WITHIN NORMAL LIMIT
8	Subhajit Mondal	12.1	9,000	80	35	0	2	0	0	10	"B"+	SINUS RHYTHM	SEVERE RESTRICTION	WITHIN NORMAL LIMIT
9	Narendranath Maji	14.0	5,200	70	23	2	5	0	0	6	"O"+	SINUS ARRHYTHMIA	SEVERE RESTRICTION	WITHIN NORMAL LIMIT
10	Phulan Mahato	12.9	10,200	40	20	2	8	0	0	14	"B"+	SINUS ARRHYTHMIA	SEVERE RESTRICTION	WITHIN NORMAL LIMIT



# BARAKAR X-RAY CLINIC & SCAN CENTRE

G. T. Road, Barakar-713 324, Phone : 0341-2520462  
Working Hours :- 9 am. to 7 pm. daily

To  
THE MAITHAN STEEL & POWER LIMITED  
PO: BONRA  
PS: NITURIA  
DIST: PURULIA (W.B.)

Dear Sir,

AS PER YOUR WORK ORDER NO: - MSPLU-2/23-24/294, DATED: - 09/09/2024  
FOLLOWING PATIENTS TEST DONE.  
THE ENCLOSE FILE GIVEN AS AN ATTACHMENT.

1. Pradip Kumar Mishra
2. Tushar Kanta Giri
3. Surjya Narayan Panda
4. Manish Kumar Jha
5. Chandi Sutradhar
6. Sadhan Chandra Layek
7. Arijit Das
8. Bholanath Gorai
9. Mukesh Kumar Mandal
10. Jitendra Prasad Tripathi

BARAKAR X-RAY CLINIC & SCAN CENTRE  
G.T. ROAD, BARAKAR - 713324



Dr. Abir Guha  
MBBS, DNB, M.D. (PATH)  
Consultant Pathologist

Verified by -  
Chief Technologist  
(Path)

Dr. Manoj Kumar  
MD. (Radio-Diagnosis)  
Consultant Radiologist

Dr. Abhishek Ghosh  
M.B.B.S. DMRD  
Consultant Radiologist

C. T. SCAN, 4D ULTRASOUND, Color Doppler, Small Parts USG, Digital X-Ray, Echo-Cardiography & Pathology

This is a professional opinion, not a final diagnosis. It should be considered along with other clinical findings and may be reviewed in case of any discrepancy.

BARAKAR X-RAY CLINIC & SCAN CENTER  
TEST DONE ON-21.09.2024

SL.NO	NAME	BLOOD ANALYSIS										ECG	PFT	X-RAY (CHEST)
		HEMOGLOBIN (gm/dl)	WBC(CMM)	NEUTROPHIL (%)	LYMPHOCYTES (%)	MONOCYTES (%)	EOSINOPHILS (%)	BASOPHIL (%)	ESR(mm)	BLOOD GROUP				
1	Pradip Kumar Mishra	12.9	10,200	40	20	2	8	0	14	"B"+	SINUS ARRHYTHMIA	SEVERE RESTRICTION	WITHIN NORMAL LIMIT	
2	Tushar Kanta Giri	14.2	7,400	80	50	2	8	0	45	"O"+	SINUS RHYTHM	MILD RESTRICTION	WITHIN NORMAL LIMIT	
3	Surjya Narayan Panda	12.2	4,200	63	50	2	4	0	22	"O"+	SINUS RHYTHM	NORMAL SPIROMETRY	WITHIN NORMAL LIMIT	
4	Manish Kumar Jha	14.2	6,700	70	20	0	0	0	8	"A"+	SINUS ARRHYTHMIA	SEVERE RESTRICTION	WITHIN NORMAL LIMIT	
5	Chandi Sutradhar	12.1	9,000	80	35	0	2	0	10	"B"+	SINUS RHYTHM	SEVERE RESTRICTION	WITHIN NORMAL LIMIT	
6	Sadhan Chandra Layek	11.3	8,300	50	30	0	0	0	10	"AB"+	SINUS ARRHYTHMIA	NORMAL SPIROMETRY	WITHIN NORMAL LIMIT	
7	Arijit Das	13.1	11,400	70	39	0	1	0	10	"O"+	SINUS RHYTHM	MILD RESTRICTION	WITHIN NORMAL LIMIT	
8	Bholanath Gorai	13.8	7,500	70	30	0	0	0	5	"O"+	SINUS RHYTHM	MODERATE RESTRICTION	WITHIN NORMAL LIMIT	
9	Mukesh Kumar Mandal	13.6	7,900	44	19	0	1	0	5	"AB"+	LEFT VENTRICULAR HYPERTROPHY	NORMAL SPIROMETRY	FIBROTIC SCARRING LEFT UPPER ZONE	
10	Jitendra Prasad Tripathi	11.3	8,300	50	30	0	0	0	10	"AB"+	SINUS ARRHYTHMIA	NORMAL SPIROMETRY	WITHIN NORMAL LIMIT	



# BARAKAR X-RAY CLINIC & SCAN CENTRE

G. T. Road, Barakar-713 324, Phone : 0341-2520462  
Working Hours :- 9 am. to 7 pm. daily

To

THE MAITHAN STEEL & POWER LIMITED

PO: BONRA

PS: NITURIA

DIST: PURULIA (W.B.)

Dear Sir,

AS PER YOUR WORK ORDER NO: - MSPLU-2/23-24/294, DATED: - 09/09/2024

FOLLOWING PATIENTS TEST DONE.

THE ENCLOSE FILE GIVEN AS AN ATTACHMENT.

1. Chandrachur Mandal
2. Abhijit Bit
3. Sanjoy Mondal
4. Manas Chatterjee
5. Sushovan Mondal
6. Rakesh Nayak
7. Debraj Chattaraj
8. Ayon Kumar Mondal
9. Satyajit Pradhan
10. Somnath Mondal

BARAKAR X-RAY CLINIC & SCAN CENTRE  
G.T. ROAD, BARAKAR - 713324



Dr. Abir Guha  
MBBS, DNB, M.D. (PATH)  
Consultant Pathologist

Verified by -  
Chief Technologist  
(Path)

Dr. Manoj Kumar  
MD. (Radio-Diagnosis)  
Consultant Radiologist

Dr. Abhishek Ghosh  
M.B.B.S. DMRD  
Consultant Radiologist

C. T. SCAN, 4D ULTRASOUND, Color Doppler, Small Parts USG, Digital X-Ray, Echo-Cardiography & Pathology

This is a professional opinion, not a final diagnosis. It should be considered along with other clinical findings and may be reviewed in case of any discrepancy.

BARAKAR X-RAY CLINIC & SCAN CENTER  
TEST DONE ON-23.09.2024

SL.NO	NAME	BLOOD ANALYSIS										ECG	PFT	X-RAY (CHEST)	
		HEMOGLOBIN (gm/dl)	WBC(CMM)	NEUTROPHIL (%)	LYMPHOCTES (%)	MONOCYTES (%)	EOSINOPHILS (%)	BASOPHIL (%)	ESR(mm)	BLOOD GROUP					
1	Chandrachur Mandal	13.2	8,700	51	40	0	0	0	0	0	12	"O"+	SINUS ARRHYTHMIA	MILD RESTRICTION	WITHIN NORMAL LIMIT
2	Abhijit Bit	14.2	7,400	80	50	2	8	0	0	0	45	"O"+	SINUS RHYTHM	MILD RESTRICTION	WITHIN NORMAL LIMIT
3	Sanjoy Mondal	12.1	9,000	80	35	0	2	0	0	0	10	"B"+	SINUS RHYTHM	SEVERE RESTRICTION	WITHIN NORMAL LIMIT
4	Manas Chatterjee	15.4	9,500	70	50	0	2	0	0	0	20	"A"+	SINUS TACHYCARDIA	SEVERE RESTRICTION	WITHIN NORMAL LIMIT
5	Sushovan Mondal	15.0	8,700	36	4	0	0	0	0	0	12	"O"+	INCOMPLETE RIGHT BUNDLE BRANCH BLOCK	MILD RESTRICTION	WITHIN NORMAL LIMIT
6	Rakesh Nayak	14.9	9,000	80	35	1	4	0	0	0	12	"B"+	SINUS RHYTHM	MODERATE RESTRICTION	WITHIN NORMAL LIMIT
7	Debraj Chattaraj	13.8	7,500	70	30	0	0	0	0	0	5	"O"+	SINUS RHYTHM	MODERATE RESTRICTION	WITHIN NORMAL LIMIT
8	Ayon Kumar Mondal	13.5	6,300	66	40	1	8	0	0	0	10	"O"+	SINUS BRADYCARDIA	MILD RESTRICTION	WITHIN NORMAL LIMIT
9	Satyajit Pradhan	14.1	8,200	60	30	1	4	0	0	0	15	"O"+	SINUS RHYTHM	MODERATE RESTRICTION	WITHIN NORMAL LIMIT
10	Somnath Mondal	13.2	8,700	51	40	0	0	0	0	0	12	"O"+	SINUS ARRHYTHMIA	MILD RESTRICTION	WITHIN NORMAL LIMIT





**ANNEXURE – XI**  
**( Copy of CER Expenditure )**



## Corporate Environmental Responsibility (CER)

Public Consultation Action Plan as per MoEF&CC O.M dated 30.09 .2020

Sr. No	Concerns raised during the Public Hearing	Physical activity to be done	Budget in Lakhs			Total Budget (in Lakhs)
			1st Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	
1.	Skill Development & Woman empowerment	Skill Development: - Vocational training at plant, Seminar on farming & animal husbandry.  Women Empowerment: - Helping self –help groups and financial assistance to women to start their livelihood	25.0	25.0	25.0	75.0
2.	Water Conservation and Drainage system	Restoration of local ponds and construction of rainwater harvesting structures in the local community.	8.0	8.0	4.0	20.0
3.	Solar Light Installation	Installation of Solar Light installation in local villages.	2.0	2.0	2.0	6.0
4	Infrastructure Development	Road Construction , Repair of school buildings, Village Road Repairing	30.0	25.0	15.0	70.0
5	Avenue Plantation	Plantation of saplings along roads, highways, pathway and on the roads towards primary health centres and schools in the villages.	2.5	1.5	1.0	5.0
Budget as per PH issues to be spent mostly in the nearby villages like Bonra, Dhangajor, Goaladih etc			67.5	61.5	47.0	176.0
Budget as activities targeted under Model Village development programme (Saontal Motha)			23.0	11.5	8.5	43.0
<b>Total</b>			<b>90.5</b>	<b>73.0</b>	<b>53.5</b>	<b>217.0</b>



**Registered Office:**  
9, A.J.C Bose Road, Ideal Centre,  
6th Floor, Kolkata-700 017

☎ +91 33 4085 7200

CIN: U27102WB2001PLC093321

**Works: Unit-I**  
P.O. Bonra, P.S. : Neturia - 723121,  
Dist.: Purulia, (WB)


🌐 www.maithansteel.com

**Works: Unit-II**  
Chittaranjan Road, Dendua More,  
P.O & P.S.: Salanpur - 713357,  
Dist.: Paschim Bardhaman (WB)

☎ 8651540007

Details of CER Expenditure for the Financial Year 2024-25:

Sr. No	Concern raised during the Public Hearing	Physical Activity to be done	Budget (in Lakhs)	Expenses Incurred (in lakhs)
			1st Year	2024-25
1.	<b>Skill Development and Woman Empowerment.</b>	Skill Development: Vocational training at plant, seminar on farming and animal husbandry.  Women Empowerment: Helping self-help groups and financial assistance to women to start their livelihood.	25.00	11.00
2.	<b>Water Conservation and Drainage system.</b>	Restoration of local ponds and construction of rainwater harvesting structures in the local community.	8.00	7.00
3	<b>Solar Lights installation</b>	Installation of solar light in local villages.	2.00	-
4.	<b>Infrastructure Development</b>	Road Construction , Repair of school buldings, Village Road Repairing.	30.00	29.09
5.	<b>Avenue Plantation</b>	Plantation of Saplings along roads, highways, pathway and on the roads towards primary health centres and school in the villages.	2.50	-
<b>Budget in lakhs</b>				
Budget as per PH issues to be spent mostly in the nearby villages like Bonra, Dhangajor, Goaladih etc			67.50	47.09
Budget as activities targeted under Model Village development programme (Saontal Motha)			23.00	-
<b>Total :-</b>			<b>90.50</b>	<b>47.09</b>



(Director)



**Registered Office:**  
9, A.J.C Bose Road, Ideal Centre,  
6th Floor, Kolkata-700 017  
☎ +91 33 4085 7200

CIN: U27102WB2001PLC093321

**Works: Unit-I**  
P.O. Bonra, P.S. : Neturia - 723121,  
Dist.: Purulia, (WB)

🌐 [www.maithansteel.com](http://www.maithansteel.com)

**Works: Unit-II**  
Chittaranjan Road, Dendua More,  
P.O & P.S.: Salanpur - 713357,  
Dist.: Paschim Bardhaman (WB)

☎ 8651540007

## **ANNEXURE – XII**

**( Copy of Environmental Policy )**



MAITHAN STEEL &amp; POWER LIMITED



## Environmental Policy

The goal of M/s Maithan Steel & Power Plant is to apply the Environment Management System to its operations based on preventive approach and to improve the system with its mission, vision and values.

Our goal is the **'Protection of the Environment'** and the **'Efficient use of Natural Resources'** for the Sustainable Growth of Business.

We will strive to become a role model for the Steel Industry by going beyond compliance through:

- Identify, assess and manage our environment impact;
- Regularly monitor, review and report our environmental performance;
- Develop and rehabilitate abandoned sites through afforestation and landscaping;
- Enhance awareness, skill and competence of our employees and contractors to demonstrate their involvement, responsibility and accountability for sound environmental performance;
- Effective implementation of Environmental Management System to attain Zero Liquid Discharge;
- Proper Management of Wastes.

Rev No: 02

Date: 27<sup>th</sup> September 2022



Director

**Registered Office:**

9, A.J.C. Bose Road, Ideal Centre,  
6th Floor, Kolkata - 700 017,  
☎ +91 33 4085 7200

CIN: U27102WB2001PLC093321

**Works: Unit-I**

P.O. Bonra, P.S.: Neturia - 723121,  
Dist.: Purulla, (WB)

**Works: Unit-II**

Chittaranjan Road, Dendua More,  
P.O. & P.S.: Salanpur - 713357,  
Dist.: Paschim Bardhaman (WB)

www.maithansteel.com

☎ 8651540007

## ANNEXURE – XII

( Copy of Newspaper Advertisement regarding grant of EC from MoEF&CC )



**THE**

ONE &amp; ONLY ONE ENGLISH WEEKLY NEWS PAPER PUBLISHED FROM SOUTH BENGAL

Whatsaap-7797502440

# PURULIA TIMES

Regd. No - R.N.I.-WBENG/2001/07197

Postal Regd. No.-L2 WB/RNP/07/PRL

Mob: - 9732159178

Vol-23rd

Issue- 34th

Purulia

24th November 2023

Rs. 2 Only

## COMPLAINT OF ABETMENT OF SUICIDE HAS BEEN FILED AGAINST THE LOVER."

The Purulia Times, Chittaranjan Bauri filed a complaint that his minor daughter committed suicide by inciting suicide. Chittaranjan Bauri of Dumuriakuri village of Adra Police Station lodged a complaint with Adra Police Station on Wednesday 22nd of this month. "It should be noted that Anjali Bauri, a 12th standard student, committed suicide by hanging herself on Monday afternoon on November 20. He was rescued by family members and taken to Raghunathpur Super Specialty Hospital. But the doctors there declared Anjali dead. The next day, Tuesday 21st November, a case of unusual death was registered at Raghunathpur police station. After that Anjali's father Chittaranjan Bauri filed a complaint in the name of Jeeten Bauri at Adra police station on

Wednesday, November 22. He wrote in the complaint that his daughter Anjali had a love affair with Jiten Bauri of Amchatra village of Santaldi police station. Jeeten lived in Mamabari in Palma village of Para police station.

He met Anjali at Bhagabandh School. Allegedly, Jeeten used to keep his daughter under pressure. Chittaranjan has filed a complaint in the name of Jeeten that his daughter Anjali was forced to commit suicide by inciting her to commit suicide. He started investigation of the incident and demanded legal punishment of the culprit. After receiving the complaint, the police arrested Jeeten on Wednesday. He was taken to the Raghunathpur sub-divisional court on Thursday and taken into police custody.

## WORD MONSTERS, SEVEN ARRESTED IN SANTINIKETAN

The Purulia Times, Paramita Mandal, Bolpur, November 23 : People are overwhelmed by the devastation at World Heritage Santiniketan. The police arrested 7 artists from Shantiniketan's Shambati on the charge of playing DJ till midnight. The car with the DJ box was seized. "Santiniketan got World Heritage status in September this year. DJs or loud sound monsters are already banned in Santiniketan area. But from Kali Pujo to Chhat Pujo, people are fed up with the violence of the sound monster of the DJ box. At

Shyambati of Santiniketan police station, the main road of the city was blocked and the DJ box was playing till midnight.

Trinamool Councilor Chandan Mondal of Ward No. 2 of Bolpur Municipality led this exciting event. Santiniketan Police Station OC Kasturi Mukhopadhyay clarified that no permission was taken from the police in this regard."

On receiving the complaint, the police arrested 7 people in charge of the sound system, including the artist. Besides, the car with the DJ box was

## 14 POINT DEMANDS. CPIM STATE SECRETARY

The Purulia Times, Purulia, Nov 23 - BJP and Trinamool MPs and MLAs in Ganda should be jailed. CPM State Secretary Mah: Salim spoke about Mamata Banerjee's threat to jail BJP MLAs due to the jailing of four Trinamool MLAs. In relation to this statement of Chief Minister that RSS should not support Modi and Shah, Salim said what RSS has done. He also appealed to RSS. Purulia district CPM held a rally at the taxi stand of Purulia city on Thursday afternoon with 14 point demands. CPIM State Secretary Md. Salim was present as the keynote speaker in the rally. Before the start of the rally, the



procession started from in front of Purulia station and ended at the taxi stand. CPM workers and supporters from different parts of the district were present in the procession. On this day, while facing the journalists and speaking on the stage, Mohaselim criticized the current state government and the Chief

Minister on various issues. Regarding the Lok Sabha polls, he said, they will unite all the forces against the BJP Trinamool. Congress will have to decide where they will go. On this day in Aghorpur, the women who were jailed for the dispute of Shilpa Taluk were felicitated from the stage. Later, Mah: Salim also went to Agharpur village.

## ARRESTED TWO MORE YOUTHS ON CHARGES OF MOTOR BIKE THEFT.

The Purulia Times, Purulia, November 23 - The police of Arsha police station in Purulia arrested two more youths on charges of motor bike theft. Although they were arrested last night, the arrested were taken to the Purulia District Court on Thursday. According to police sources, the name of the arrested two is Angad Kumar, whose house is in Bartoria village of Kotshila. And Shubham De Bari, both arrested in Begunkodar, were produced in the Purulia District Court on Thursday. Two more motorbikes were recovered. According to police sources, a motorbike was stolen on November 18 in Hedjari village of Arsha



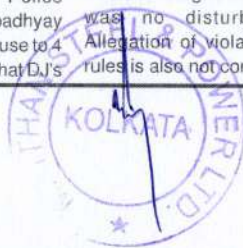
police station. In this regard, a person complained to the police station on 20th. Based on that complaint, the police investigated and recovered the stolen motorbike. Two people were arrested on Tuesday. When they were brought to court on Wednesday, they were taken into police custody.

The whereabouts of these two were found by interrogating them. The police claim that the custody of the two who were caught today has also been sought. Apart from the recovery of more motorbikes from the arrested, the police are trying to catch the original pandas

seized. "Already, more than 150 complaints have been filed for violence against DJ Box across the district. Birbhum District Superintendent of Police Rajnarayan Mukhopadhyay has given a show cause to 4 officers. It was then that DJ's

violence was reported in Santiniketan. So active police." Trinamool councilor Chandan Mondal said, "A function was organised. It was late at night. But there was no disturbance. Allegation of violation of rules is also not correct".

জেলার একমাত্র  
সাপ্তাহিক হিন্দী  
পত্রিকা চন্দ্রপ্রভা  
পড়ুন।



**Maithan Steel & Power Ltd - Unit-1****Notice**

Date:-21.11.2023

This is for the information of public that M/S Maithan Steel & Power Ltd, located at VIII - Bonra, P.O- Bonra, P.S Neturia, Tehsil Neturia, Dist- Purulia, West Bengal has been granted Environmental Clearance from Ministry of Environment, Forest & Climate Change, Government of India, vide letter No: J-11011/554/2017-IA.II(1) dated 20th November, 2023 for expansion of its Sponge Iron Plant (1,76,000 TPA to 4,20,000 TPA), Ferro Alloy Plant (30,000 TPA to 70,000 TPA) & Captive Power Plant (20 MW to 32 MW) along with existing Iron Ore Sinter Plant (80,000 TPA) and Iron Ore Washery Plant (2,40,000 TPA). Copies of clearance letter are available with heads of local bodies, Panchayats and Municipal bodies and may also be seen at <http://environmentclearance.nic.in/>.

**বিজ্ঞপ্তি**

আমি Basudev Dutta ,Age 65 S/O Arabinda Dutta Resident of Sinderpatty, Ward No-10, P.O & P.S-Purulia, District- District-Purulia (W.B), 723101 যার DL No-WB 55 20030036407 পুরুলিয়া কোর্টের এক্সিকিউটিভ ম্যাজিস্ট্রেট এর অফিডেভিড বলে Basudev Dutta ও Basudeb Dutta একি ব্যক্তি হলাম।

**TENDER**

Assistant Engineer, N.H Sub Division- PW (Roads) Dte, invite offline Tender (NIT 03 of 2023-24) for the work of Jungle cutting and cleaning of the Stackyard and priming and painting work on the main gate and collapsible gate of the office of the Executive Engineer, National Highway Division-IV, P.W.(Roads) Dte. for the year 2023-2024.

Last Date of application 04/12/2023. Details of NIT may be down-loaded from Website <http://wbpwd.gov.in>. for further information contact to office of the Purulia N.H Sub Division office at office Hours,

Sd/-  
Assistant Engineer  
Purulia N.H. Sub-Division.  
P. W. (Roads) Dte.

ADMISSION OPEN 2023-24

SISTER  
NIVEDITA  
UNIVERSITY

REARMENT YOURSELF BEYOND BOUNDARIES

+91 7595044470 | 71 | 72 | Toll-Free : 1800 2588 155

[www.snuniv.ac.in](http://www.snuniv.ac.in)23  
Glorious  
Years**Meghnad Saha Institute of Technology****Best Place to  
Begin Your  
Journey**

Join Today Meghnad Saha Institute of Technology!

**ADMISSION OPEN!**

PROGRAMMES OFFERED :

B.Tech | B.Tech (Lateral) | BCA | BBA | BSc.

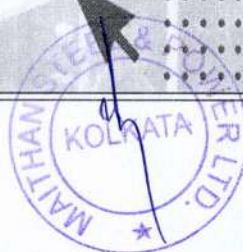
M.Tech | MCA | MBA

**500+ | 32 LPA**

Jobs Offered (2022) | Highest Remuneration

**APPLY NOW**

070445 98807

[www.msit.edu.in](http://www.msit.edu.in)



প্রথম খবর পত্রিকার সমস্ত  
পাঠক/পাঠিকা ও  
শুভানুধ্যায়ীদের জানাই  
কালীপূজা, দীপাবলি ও  
বাঁদনা পরবের প্রীতি ও  
শুভেচ্ছা।

প্রথম খবর পত্রিকা কর্তৃপক্ষ

পুরুলিয়া থেকে প্রকাশিত সাপ্তাহিক সংবাদপত্র

# প্রথম খবর

Title Reg. No.- RNI WBBEN/2022/16024

প্রথম খবর

পত্রিকায় বিজ্ঞাপন দেওয়ার  
জন্য যোগাযোগ করুন -

9002140048

7601916192

Email.- prathamkhabar2022@gmail.com

Mob.- 8158044096/9002140048

২য় বর্ষ ৭ষ্ঠ সংখ্যা ৭ অগ্রহায়ণ, ১৪৩০, শুক্রবার, Vol. 2, Issue 7, 24 November, 2023, Tuesday মূল্য - ৩ টাকা

## পুরুলিয়া জেলার আঘরপুর গ্রামের জামিনে মুক্ত ৩ শিশু সহ ১৩ জন মহিলাকে সংবর্ধনা দিলো সিপিআইএম

নিজ সংবাদদাতা : পুরুলিয়া : পুরুলিয়া জেলার  
আঘরপুর গ্রামের জামিনে মুক্ত ৩ শিশু সহ ১৩ জন  
মহিলাকে সংবর্ধনা দিলো সিপিআইএম।  
বৃহস্পতিবার পুরুলিয়া শহরে CPIM এর উদ্যোগে  
একটি মহামিছিল হয়। পুরুলিয়া শহরের রথতলা  
এলাকা থেকে মিছিলটি শুরু হয় এবং নামোপাড়া,  
মধ্যবাজার, পোস্টঅফিস মোড়, হাটেরমোড়,  
এসপি অফিস মোড় হয়ে ট্যান্ড্রি স্ট্যাডে এসে শেষ  
হয়। মিছিলে পুরুলিয়া জেলার বিভিন্ন প্রান্ত থেকে  
কয়েক হাজার নেতা কর্মী যোগ দেন। মিছিল  
শেষে একটি জনসভা হয় ট্যান্ড্রি স্ট্যাডে। তারপর  
বেশ কয়েকদফা দাবিতে জেলা শাসক ও পুলিশ  
সুপারের নিকট ডেপুটেশন দেওয়া হয়। মিছিল ও  
জনসভায় উপস্থিত ছিলেন CPIM এর রাজ্য  
সম্পাদক মহাশয় সেলিম, পুরুলিয়া জেলা সম্পাদক  
শ্রীদীপ রায়, অমিয় পাত্র, প্রাক্তন বিধায়ক দেবলীনা  
হেমরম, নিখিল মুখার্জি সহ অন্যান্য নেতৃহারা।  
এদিনের সভায় আঘরপুর গ্রামের জামিনে মুক্ত ৩  
শিশু সহ ১৩ জন মহিলাকে সংবর্ধনা জারাদ হয়।



প্রসঙ্গত উল্লেখ্য, জয়পুর থানার  
আঘরপুর গ্রামের ডুঙরি রক্ষার আন্দোলনে  
গ্রামের ১৩জন মহিলা সহ তিন শিশু গ্রেফতার

হন। ১৬ দিন পর তারা জামিনে মুক্ত হন। এই  
সভা মঞ্চে CPIM এর জনা সম্পাদক তাদের  
সংবর্ধনা জানান এবং ১৬ দিন জেলে থাকা

শিশুদের কোলে নিয়ে রাজা পুলিশ ও রাজ্য  
সরকারকে দিক্কার জানান।  
পাশাপাশি এই সভার বক্তারা কেন্দ্র  
ও রাজ্য সরকারের উঁত্র সমালোচনা করেন।



### নাচে গানে জন্মজন্মাট

মেকোনো শিল্পীর অনুষ্ঠান বুকিং এর জন্য যোগাযোগ করুন।



রূপসী বাংলা 03252350600/8158044096/6297273851

### রূপসী বাংলা ইভেন্টস ও দীপু পরিচালিত বিচিত্রানুষ্ঠান



স্মৃতিকনা রায়, মশোদা সরকার, কাজল গাইন, নাসিমা খাতুন, সামী নাগ, কনিকা কর্মকার

নাচে গানে জন্মজন্মাট অনুষ্ঠান  
বুকিং এর জন্য যোগাযোগ করুন  
রিয়া সরকার

রূপসী বাংলা CONTACT FOR ANY PROGRAM BOOKING -  
RUPASI BANGLA GROUP, PURULIA  
Office - 03252350600  
Debraj - 8158044096  
Dipu - 6297273851

### রূপসী বাংলা FILM & MUSIC

রূপসী বাংলা ফিল্ম এন্ড মিউজিক নিবেদিত  
টেলিফিল্ম

## বেঁচে থেকে লাভ কি বল

কাহিনী, চিত্রনাট্য ও পরিচালনা - দেবরাজ মাহাভো

অডিশন 03.12.2023  
রবিবার

স্থান - রূপসী বাংলা অফিস,  
গাড়িখানা (অম্বরীশ পল্লী), পুরুলিয়া

For Details - 9883105904 (Rohit)

## ইলেকট্রিকের পাম্পের মটর চালাতে গিয়ে বিদ্যুৎপৃষ্ঠ হয়ে মৃত্যু এক ব্যক্তির

মণিশঙ্কর বিশ্বাস : হাওড়া : পুকুরের পাশে ইলেকট্রিকের পাম্পের মটর চালাতে গিয়ে দুর্ঘটনা। বিদ্যুৎপৃষ্ঠ হয়ে মৃত্যু এক ব্যক্তির। ঘটনাটি ঘটেছে বৃহস্পতিবার সকালে হাওড়ার জগৎবল্লভপুরের পাতিহাল দাসপাড়ায়। মৃত ব্যক্তির নাম সুকান্ত দাস। এই ঘটনায় উত্তেজনা ছড়িয়ে পরে গোটা এলাকায়। জানা গিয়েছে, আজ বৃহস্পতিবার সকাল দশটার সময় ওই ব্যক্তি বাড়ির পাশে পুকুরের পাশে ইলেকট্রিকের পাম্প মোটর চালাতে যায়। সেখানে তিনি বিদ্যুৎপৃষ্ঠ হয়ে পুকুরের ধারে অচৈতন্য হয়ে পরে থাকেন। স্থানীয়

বাসিন্দারা তাকে নিয়ে যান জগৎবল্লভপুর গ্রামীণ হাসপাতালে। কিন্তু সেখানকার চিকিৎসকরা সুকান্ত দাসকে মৃত বলে ঘোষণা করেন। এই ঘটনার খবর যায় হাওড়ার জগৎবল্লভপুর থানায়। পুলিশ এসে মৃতদেহ উদ্ধার করে ময়নাতদন্তের জন্য নিয়ে যায়। ঠিক কি করে বিদ্যুৎপৃষ্ঠ হলেন ওই ব্যক্তি তা খতিয়ে দেখছে হাওড়ার জগৎবল্লভপুর থানার পুলিশ।

এদিকে সাত সকালে ঘটে যাওয়া এই ঘটনায় এলাকায় শোকের ছায়া নেমে আসে।

## নবদ্বীপের বিষ্ণুপ্রিয়া হল্ট স্টেশনের কাছে ট্রেনের ধাক্কায় মৃত্যু মহিলার

সমীর দে : নদীয়া : বিষ্ণুপ্রিয়া হল্ট স্টেশনের কাছে এদিন সকালে ট্রেনের ধাক্কায় মৃত্যু হলো এক অজ্ঞাত পরিচয় মহিলার। ব্যাঙ্কেল কাটোয়া রেল শাখার নবদ্বীপের বিষ্ণুপ্রিয়া হল্ট স্টেশনের কাছে সকাল আটটা চল্লিশ নাগাদ লাইন পারাপার করার সময় আপ শিয়ালদা জঙ্গিপুর্ন এক্সপ্রেস ট্রেনের ধাক্কায় মৃত্যু হলো বছর পঞ্চাশের এক অজ্ঞাত পরিচয় মহিলা। এরপর খবর যায় কাটোয়া

স্টেশনের রেলের জিআরপিতে। খবর পেয়েই কাটোয়া স্টেশনের জিআরপিপির এক আধিকারিকের সঙ্গে ঘটনাস্থলে আসে পুলিশ কর্মীরা। ঘটনাস্থল থেকে দেহটিকে উদ্ধার করে ময়নাতদন্তের জন্য পাঠায় কাটোয়া মহকুমা হাসপাতালে। তবে ওই মহিলার পরিচয় জানার জন্য কাটোয়া স্টেশনের জিআরপিপির পক্ষ থেকে বিভিন্ন থানায় বার্তা পাঠানো হয়।

## পুরুলিয়া গট টেলেন্ট প্রতিযোগিতায় প্রথম স্থান অধিকার করলো PTPYA এর প্রতিযোগীরা

নিজস্ব সংবাদদাতা : পুরুলিয়া : পুরুলিয়া গোরক্ষিনী সভার উদ্যোগে সম্প্রতি পুরুলিয়া গট টেলেন্ট নামে একটি প্রতিযোগিতার আয়োজন করা হয়। এই প্রতিযোগিতায় ১২৭টি টিম

ফাইনালে চ্যাম্পিয়ন হয় PTPYA এর প্রতিযোগীরা। প্রথম পুরস্কার হিসেবে ১১০০০ টাকা সহ ট্রফি তাদের হাতে তুলে দেওয়া হয় গোরক্ষিনী সভার পক্ষ থেকে। এই বিষয়ে



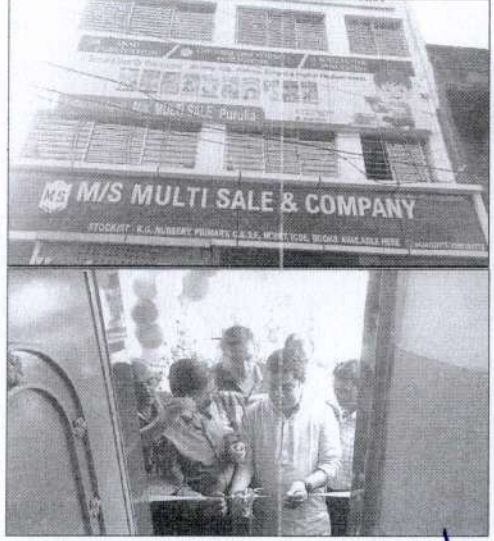
অংশগ্রহণ করে। মঙ্গলবার এই প্রতিযোগিতার ফাইনাল অনুষ্ঠিত হয় পুরুলিয়া গোসালায়।

জানালেন PTPYA এর সভাপতি টিকু প্রসাদ গুপ্তা ও সম্পাদক হরিকি ধীর।

## পুরুলিয়া শহরের দশের বাঁধ মোড়ে মাল্টি সেল এন্ড কোম্পানীর উদ্বোধন

নিজস্ব সংবাদদাতা : পুরুলিয়া : পুরুলিয়া শহরের বিশিষ্ট ব্যবসায়ী তথা মাল্টি সেল ও মাল্টি স্পোর্টস এর কর্ণধার তরুন কুমার ঝা এর নতুন একটি বই এর হোলসেল দোকান মাল্টি সেল এন্ড কোম্পানীর আনুষ্ঠানিক উদ্বোধন হলো। এই উদ্বোধন অনুষ্ঠানে উপস্থিত

এবার বড়ো পরিষরের নতুন দোকান থেকে সারা জেলার বই ক্রেতাদের ভালোভাবে সঠিক পরিষেবা দেওয়া সম্ভব হবে। পাশাপাশি তিনি জেলার সমস্ত শিক্ষক শিক্ষিকাদের ধন্যবাদ জানিয়ে বলেন, উনাদের সহযোগিতা ছাড়া এই প্রতিষ্ঠানের



ছিলেন পুরুলিয়া জেলা পরিষদের সভাপতি নিবেদিতা মহাতো, পুরুলিয়া জেলা তৃণমূল কংগ্রেস সভাপতি সোমেন বেলখরীয়া, পুরুলিয়া পৌরসভার কাউন্সিলার প্রদীপ কুমার ভাঙ্গা, বৈদ্যনাথ মন্ডল, সমীরণ রায় সহ জেলার বিভিন্ন স্কুলের শিক্ষিক শিক্ষিকা সহ বিশিষ্ট জনেরা।

সম্ভব হতো না। পুরুলিয়া জেলা তৃণমূল কংগ্রেসের সভাপতি সোমেন বেলখরীয়া বলেন, তরুন কুমার ঝা শুধু একজন পুস্তক বিক্রেতা নয়, তিনি একজন সমাজসেবী। সারা

বছরই দুস্থ ছাত্র-ছাত্রীদের বিদ্যালয়ে বই বিতরণ করেন। পাশাপাশি আরও বহু সমাজসেবামূলক কাজের সঙ্গে যুক্ত। বইয়ের এই দোকানের উদ্বোধন হওয়াতে জেলার বই ক্রেতারা আরও বেশি উপকৃত হবে বলে তিনি জানান।

সারা বছরই দুস্থ ছাত্র-ছাত্রীদের বিদ্যালয়ে বই বিতরণ করেন। পাশাপাশি আরও বহু সমাজসেবামূলক কাজের সঙ্গে যুক্ত। বইয়ের এই দোকানের উদ্বোধন হওয়াতে জেলার বই ক্রেতারা আরও বেশি উপকৃত হবে বলে তিনি জানান।

## বরাবাজারে মহাসমারোহে পালিত হলো উত্থান একাদশী

নিজস্ব সংবাদদাতা : পুরুলিয়া : দীপাবলির পরেই পালিত হয় দেব উত্থানী একাদশী। পঞ্চাশ অনুসারে, কার্তিক মাসের শুক্লপক্ষ তিথিতে পালন করা হয় দেব উত্থানী একাদশী। এই পবিত্র একাদশীতে উত্থান যেমন বলা হয়, তেমনি দেবুত্থানী বা প্রবেদোদনী একাদশী নামেও পরিচিত। হিন্দুধর্ম মতে, আষাঢ় মাসের শুক্লপক্ষের একাদশীতে নিদ্রায় যান ভগবান বিষ্ণু। নিদ্রাভঙ্গ হয় কার্তিক মাসের শুক্লপক্ষের এই একাদশীতে। পৌরাণিক কাহিনি মতে, এই একাদশীর দিন ৪ মাস পর স্বর্গসাগর থেকে নিদ্রাভঙ্গ করেন বিষ্ণুদেব। এই চারমাস তাই কোনও শুভ কাজ পালন করা হয় না। দেবস্থানে একাদশীর পর থেকেই শ্রীহরি জেগে উঠলে সমস্ত ধর্মীয় ও শুভ কাজ শুরু হয়। এদিন তুলসী বিবাহও হয়ে থাকে। পাশাপাশি বৃহস্পতিবার পুরুলিয়া জেলার বরাবাজার উপর পাড়া জয়দেব দাস মহন্তের বাড়িতে মহাসমার হয়ে পালিত হচ্ছে উত্থান একাদশী। জানা যায় এই উত্থান একাদশী

তাদের বাড়িতে ঠিক কতদিন থেকে হয়ে আসছে তা কেউ ই জানেন না তবে পূর্বপুরুষ ধরে নিয়ম-নিষ্ঠা মেনে এই উত্থান একাদশী পালিত হয়। তাই পরম্পরা মেনে আজও উত্থান একাদশী ঠিক ওই ভাবেই হয়ে আসছে। সারারাত ব্যাপী নাম সঙ্কীর্তন, পূজা পাঠ হয় ভক্তবৃন্দদের জন্য নরনারায়ণ সেবার আয়োজন করা হয়। বরাবাজারের স্থানীয় মানুষজন উত্থান একাদশী উপলক্ষে যার যেমন সামর্থ্য কিছু না কিছু সহিষ্ণায় দান করে থাকেন। জয়দেব দাস মহন্ত বলেন প্রত্যেক বছর মহাসমারোহে এই বৈষ্ণব বাড়িতে উত্থান একাদশী উদযাপিত হয় তাতে সমগ্র বরাবাজারবাসী আসেন পূজোপাঠ দেখতে তাদের জন্য থাকেন নরনারায়ণ সেবার আয়োজন করা হয়। আগামী দিনে এই উত্থান একাদশী আরও বৃহত্তর আকারে পালন করতে চাই তবে যদি কোন সফল ব্যক্তি আমাদের পাশে এসে দাঁড়ান কিছু সাহায্য করেন তবে এই উৎসব আমরা আরো বড় করে করতে পারব।

## 'জ্যোতিপ্রিয়র ইডি ফোবিয়া হয়েছে'- পিজি কাণ্ডে মুখ্যমন্ত্রীর তোপ সুকান্তর

মণিশঙ্কর বিশ্বাস : হাওড়া : বৃহস্পতিবার আদুল বাস স্ট্যাড মাঠে দলীয় জনসভাতে এসে জ্যোতিপ্রিয়র পিজিতে ভর্তি হওয়া প্রসঙ্গে মুখ্যমন্ত্রীর

ডাবল জেলে যাচ্ছে। একটার সঙ্গে একটা ফি! এছাড়াও মুখ্যমন্ত্রীর কটাক্ষ করে সুকান্ত বলেন, 'আমরা প্রচার করি না যে বিরাট কোহলির সঙ্গে হস্ত মর্দন করার পর ব্যাটে রানের খরা কাটাতে তাকে মন্দিরে গিয়ে পূজা দিতে হয়েছিল। সংখ্যালঘুদেরকে ভুল বুঝিয়ে রাজনীতির জন্য ব্যবহার করছে

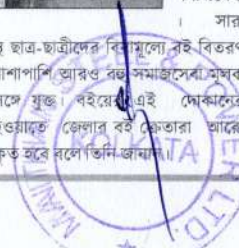
তোপ দাগেন বিজেপির রাজা সভাপতি সুকান্ত মজুমদার। তিনি স্পষ্ট বলেন, 'জ্যোতিপ্রিয়র কিছু হয় নি, ওর ইডি ফোবিয়া হয়েছে। এই রোগের কোনো চিকিৎসা হয় না। পেছনে ডান্ডা দিক সব ঠিক হয়ে যাবে।' এছাড়াও জ্যোতিপ্রিয়র জেলে থাকার বিষয় নিয়ে কৌতুক করে সুকান্ত বলেন, 'জ্যোতিপ্রিয়র জেলে নিঃসঙ্গ আছে আমাদের কষ্ট হয়। আমরা জানি ওর অনেক বান্ধবী আছে। ইডি সিবিআইকে বলবো খোঁজ নিয়ে তাদের একটা, দুটোকে গ্রেফতার করে জেলে ঢোকাক। জ্যোতিপ্রিয় দার নিঃসঙ্গতা কেটে যাবে। মুখ্যমন্ত্রী বলেছিলেন ডাবল ডাবল চাকরি হবে, এখন দেখছি ডাবল

মুখ্যমন্ত্রী। মমতা বন্দোপাধ্যায়ের জীবনের একটাই নীতি কাজের বেলায় কাজী আর কাজ ফুরোলে পাজি। আগে বলেছিল সিএএ করতে দেবে না, এখন বলছে এনআরসি করতে দেবে না। এটা সংখ্যালঘু ভাইদেরকে বুঝতে হবে।' বৃহস্পতিবার ফের মধ্যরাত্রে খোঁচা মেয়ে সুকান্ত বলেন, 'মিনি নিজের মৌ, পাউডার আর লিপস্টিকের জন্য দেশের সম্পত্তি বেচতে দিতে পারে, এই ধরণের সাংসদ মুখ্যমন্ত্রী এগিয়ে বাংলা মডেল তৈরি করেছে।'

## মাইথান স্টিল অ্যান্ড পাওয়ার লিমিটেড - ইউনিট ১

বিজ্ঞপ্তি তারিখ: ২১.১১.২০২৩

এটি জনসাধারণের অবগতির জন্য যে, মেসার্স মাইথান স্টিল & পাওয়ার লিমিটেড, গ্রাম - বোঁড়া পোস্ট - বোঁড়া, থানা - নিতুড়িয়া, ব্লক - নিতুড়িয়া, জেলা - পুরুলিয়া, পশ্চিম বঙ্গ-এ অবস্থিত পরিবেশ মন্ত্রক, বন ও জলবায়ু পরিবর্তন, ভারত সরকার থেকে পরিবেশগত ছাড়পত্র দেওয়া হয়েছে, তার স্পঞ্জ আয়রন প্ল্যান্ট (1,76,000 TPA থেকে 4,20,000 TPA) সম্প্রসারণের জন্য 20শে নভেম্বর, 2023 তারিখের চিঠি নং: J-11011/554/2017-IA.II(I) দ্বারা, ফেরো অ্যালয় প্ল্যান্ট (30,000 TPA থেকে 70,000 TPA) এবং ক্যাপসিড পাওয়ার প্ল্যান্ট (20 মেগাওয়াট থেকে 32 মেগাওয়াট) সাথে বিদ্যমান লৌহ আকরিক সিন্ধার প্ল্যান্ট (80,000 TPA) এবং লৌহ আকরিক ওয়াশার প্ল্যান্ট (2,40,000 TPA)। ছাড়পত্রের অনুলিপি স্থানীয় সংস্থা, পঞ্চায়েত এবং পৌরসভার প্রধানদের কাছে পাওয়া যায় এবং <http://environmentclearance.nic.in/> এও দেখা যেতে পারে।



## **ANNEXURE – XII**

**(Copy of Intimation letter to the Local Administration regarding grant of EC  
from MoEF&CC)**



Ref. MSPL – U1/EC/23-24/Intimation

*o/c*

Dated: 18.11.2024

To,  
The District Magistrate  
District – Purulia  
West Bengal.

Sub: Intimation regarding Grant of Environmental Clearance (EC) to M/s Maithan Steel & Power Limited (Unit –I) located at Vill & PO – Bonra, PS- Neturia, Dist – Purulia, West Bengal and displaying the same in your good office Notice Board for 30 days from the date of receipt as per the EC conditions.

Ref: - EC No: Govt. of India, Ministry of Environment, Forest & Climate Change (MoEF&CC) vide EC letter No: IA /WB/IND1/423883/2023 Dated 20<sup>th</sup> November, 2023 as per the EC Miscellaneous Conditions No: X (ii)

Respected Sir,

With reference to the cited subject, we, M/s Maithan Steel & Power Ltd are the leading steel manufacturer having its manufacturing units (Sponge Iron, Captive Power Plant, Ferro Alloy Plant, Iron Ore Sinter Plant & Iron Ore Washery Plant) at Vill & PO – Bonra, PS- Neturia, Dist – Purulia, West Bengal. We would like to intimate you that, M/s Maithan Steel & Power Ltd has been granted Environment Clearance (EC) vide EC letter No. IA/WB/IND1/423883/2023 dated 20<sup>th</sup> November, 2023 for expansion and upgradation of the existing 1,76,000 TPA Sponge Iron Plant to 4,20,000 TPA Sponge Iron, 4 x 10.5 MVA Arc Furnace of Ferro Alloys Plant for manufacturing of Ferro Alloys of (Fe-Mn, Si-Mn, Fe-Si & Pig Iron Combined) from existing 30,000 TPA to 70,000 TPA, Captive Power Plant from 20 MW to 32 MW [WHRB – 24 MW & AFBC – 8 MW] along with existing Iron Ore Sinter Plant (80,000 TPA) & Iron Ore Washery Plant (2,40,000 TPA) from the Ministry of Environment, Forest & Climate Change (MoEF&CC), under the provision of EIA notification 2006.

In this regard, please find enclosed the copy of EC (Environment Clearance) granted to M/s Maithan Steel & Power Ltd, which is 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,  
With Warm Regards,

For, M/s Maithan Steel & Power Limited

*Vivek Singhania*  
Vivek Singhania  
DGM Administration

[environment@maithansteel.com](mailto:environment@maithansteel.com)

Maithan Steel & Power Ltd (Unit I)

Vill & PO – Bonra, PS- Neturia, Dist – Purulia, West Bengal.



Enclosure: Copy of Environmental Clearance (EC) accorded from Ministry of Environment Forest & Climate Change (MoEF&CC) vide EC Letter No: IA/WB/IND1/423883 dated 20.11.2023

**Registered Office:**

9, A.J.C Bose Road, Ideal Centre,  
6th Floor, Kolkata-700 017

☎ +91 33 4085 7200

**Works: Unit-I**

P.O. Bonra, P.S. : Neturia - 723121,  
Dist.: Purulia, (WB)

**Works: Unit-II**

Chittaranjan Road, Dendua More,  
P.O & P.S.: Salanpur - 713357,  
Dist.: Paschim Bardhaman (WB)

# MAITHAN STEEL & POWER LIMITED



Ref. MSPL -U1 /EC/23-24/Intimation

*o/c*

Dated: 18.11.2024

To,  
The Block Development Officer (BDO)  
Neturia, District – Purulia  
West Bengal.

Sub: Intimation regarding Grant of Environmental Clearance (EC) to M/s Maithan Steel & Power Limited (Unit -I) located at Vill & PO – Bonra, PS- Neturia, Dist – Purulia, West Bengal and displaying the same in your good office Notice Board for 30 days from the date of receipt as per the EC conditions.

Ref: - EC No: Govt. of India, Ministry of Environment, Forest & Climate Change (MoEF&CC) vide EC letter No: IA/WB/IND1/423883/2023 Dated 20<sup>th</sup> November, 2023 as per the EC Miscellaneous Conditions No: X (ii)

Respected Sir,

With reference to the cited subject, we, M/s Maithan Steel & Power Ltd are the leading steel manufacturer having its manufacturing units (Sponge Iron, Captive Power Plant, Ferro Alloy Plant, Iron Ore Sinter Plant & Iron Ore Washery Plant) at Vill & PO – Bonra, PS- Neturia, Dist – Purulia, West Bengal. We would like to intimate you that, M/s Maithan Steel & Power Ltd has been granted Environment Clearance (EC) vide EC letter No. IA/WB/IND1/423883/2023 dated 20<sup>th</sup> November, 2023 for expansion and upgradation of the existing 1,76,000 TPA Sponge Iron Plant to 4,20,000 TPA Sponge Iron, 4 x 10.5 MVA Arc Furnace of Ferro Alloys Plant for manufacturing of Ferro Alloys of (Fe-Mn, Si-Mn, Fe-Si & Pig Iron Combined) from existing 30,000 TPA to 70,000 TPA, Captive Power Plant from 20 MW to 32 MW [WHRB – 24 MW & AFBC – 8 MW] along with existing Iron Ore Sinter Plant (80,000 TPA) & Iron Ore Washery Plant (2,40,000 TPA) from the Ministry of Environment, Forest & Climate Change (MoEF&CC), under the provision of EIA notification 2006.

In this regard, please find enclosed the copy of EC (Environment Clearance) granted to M/s Maithan Steel & Power Ltd, which is 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,  
With Warm Regards,

For, M/s Maithan Steel & Power Limited

Vivek Singhania

DGM Administration

environment@maithansteel.com

Maithan Steel & Power Ltd (Unit I)

Vill & PO – Bonra, PS- Neturia, Dist – Purulia, West Bengal.



Enclosure: Copy of Environmental Clearance (EC) accorded by Ministry of Environment Forest & Climate Change (MoEF&CC) vide EC letter No: IA/WB/IND1/423883/2023 dated 20.11.2023

Registered Office:

9, A.J.C Bose Road, Ideal Centre,  
6th Floor, Kolkata-700 017

© +91 33 4085 7200

CIN: U27102WB2001PLC093321

Works: Unit-I

P.O. Bonra, P.S. : Neturia - 723121,  
Dist: Purulia, (WB)

Works: Unit-II

Chittaranjan Road, Dendua More,  
P.O & P.S.: Salanpur - 713357,  
Dist.: Paschim Bardhaman (WB)

☎ 8651540007



www.maithansteel.com

# MAITHAN STEEL & POWER LIMITED



Ref. MSPL -U1 /EC/23-24/Intimation

*o/c*

Dated: 18.11.2024

To,  
The Sub Divisional Officer (SDO)  
Ragunathpur, District – Purulia  
West Bengal.

Sub: Intimation regarding Grant of Environmental Clearance (EC) to M/s Maithan Steel & Power Limited (Unit –I) located at Vill & PO – Bonra, PS- Neturia, Dist – Purulia, West Bengal and displaying the same in your good office Notice Board for 30 days from the date of receipt as per the EC conditions.

Ref: - EC No: Govt. of India, Ministry of Environment, Forest & Climate Change (MoEF&CC) vide EC letter No: IA/WB/IND1/423883/2023 Dated 20<sup>th</sup> November, 2023 as per the EC Miscellaneous Conditions No: X (ii)

Respected Sir,

With reference to the cited subject, we, M/s Maithan Steel & Power Ltd are the leading steel manufacturer having its manufacturing units (Sponge Iron, Captive Power Plant, Ferro Alloy Plant, Iron Ore Sinter Plant & Iron Ore Washery Plant) at Vill & PO – Bonra, PS- Neturia, Dist – Purulia, West Bengal. We would like to intimate you that, M/s Maithan Steel & Power Ltd has been granted Environment Clearance (EC) vide **EC letter No. IA/WB/IND1/423883/2023 dated 20<sup>th</sup> November, 2023** for expansion and upgradation of the existing 1,76,000 TPA Sponge Iron Plant to 4,20,000 TPA Sponge Iron, 4 x 10.5 MVA Arc Furnace of Ferro Alloys Plant for manufacturing of Ferro Alloys of (Fe-Mn, Si-Mn, Fe-Si & Pig Iron Combined) from existing 30,000 TPA to 70,000 TPA, Captive Power Plant from 20 MW to 32 MW [WHRB – 24 MW & AFBC – 8 MW] along with existing Iron Ore Sinter Plant (80,000 TPA) & Iron Ore Washery Plant (2,40,000 TPA) from the Ministry of Environment, Forest & Climate Change (MoEF&CC), under the provision of EIA notification 2006.

In this regard, please find enclosed the copy of EC (Environment Clearance) granted to M/s Maithan Steel & Power Ltd, which is 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,  
With Warm Regards,

For, M/s Maithan Steel & Power Limited

*Vivek Singhania*  
Vivek Singhania

DGM Administration

environment@maithansteel.com

Maithan Steel & Power Ltd (Unit I)

Vill & PO – Bonra, PS- Neturia, Dist – Purulia, West Bengal.



Enclosure: Copy of Environmental Clearance (EC) accorded by Ministry of Environment Forest & Climate Change (MoEF&CC) vide EC letter No: IA/WB/IND1/423883/2023 dated 20.11.2023

#### Registered Office:

9, A.J.C Bose Road, Ideal Centre,  
6th Floor, Kolkata-700 017

© +91 33 4085 7200

#### Works: Unit-I

P.O. Bonra, P.S. : Neturia - 723121,  
Dist.: Purulia, (WB)

#### Works: Unit-II

Chittaranjan Road, Dendua More,  
P.O & P.S.: Salanpur - 713357,  
Dist.: Paschim Bardhaman (WB)

# MAITHAN STEEL & POWER LIMITED



Ref. MSPL -U1 /EC/23-24/Intimation

*o/c*

Dated: 18.11.2024

To,  
The District Industrial Centre (DIC)  
District – Purulia, Pin-723101  
West Bengal.

**Sub:** Intimation regarding Grant of Environmental Clearance (EC) to M/s Maithan Steel & Power Limited (Unit -I) located at Vill & PO – Bonra, PS- Neturia, Dist – Purulia, West Bengal and displaying the same in your good office Notice Board for 30 days from the date of receipt as per the EC conditions.

**Ref:** - EC No: Govt. of India, Ministry of Environment, Forest & Climate Change (MoEF&CC) vide EC letter No: IA/WB/IND1/423883/2023 Dated 20<sup>th</sup> November, 2023 as per the EC Miscellaneous Conditions No: X (ii)

Respected Sir,

With reference to the cited subject, we, M/s Maithan Steel & Power Ltd are the leading steel manufacturer having its manufacturing units (Sponge Iron, Captive Power Plant, Ferro Alloy Plant, Iron Ore Sinter Plant & Iron Ore Washery Plant) at Vill & PO – Bonra, PS- Neturia, Dist – Purulia, West Bengal. We would like to intimate you that, M/s Maithan Steel & Power Ltd has been granted Environment Clearance (EC) vide **EC letter No. IA/WB/IND1/423883/2023 dated 20<sup>th</sup> November, 2023** for expansion and upgradation of the existing 1,76,000 TPA Sponge Iron Plant to 4,20,000 TPA Sponge Iron, 4 x 10.5 MVA Arc Furnace of Ferro Alloys Plant for manufacturing of Ferro Alloys of (Fe-Mn, Si-Mn, Fe-Si & Pig Iron Combined) from existing 30,000 TPA to 70,000 TPA, Captive Power Plant from 20 MW to 32 MW [WHRB – 24 MW & AFBC – 8 MW] along with existing Iron Ore Sinter Plant (80,000 TPA) & Iron Ore Washery Plant (2,40,000 TPA) from the Ministry of Environment, Forest & Climate Change (MoEF&CC), under the provision of EIA notification 2006.

In this regard, please find enclosed the copy of EC (Environment Clearance) granted to M/s Maithan Steel & Power Ltd, which is 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,  
With Warm Regards,

For, M/s Maithan Steel & Power Limited

Vivek Singhania  
DGM Administration  
[environment@maithansteel.com](mailto:environment@maithansteel.com)  
Maithan Steel & Power Ltd (Unit I)  
Vill & PO – Bonra, PS- Neturia, Dist – Purulia, West Bengal.



Enclosure: Copy of Environmental Clearance (EC) accorded by Ministry of Environment Forest & Climate Change (MoEF&CC) vide EC letter No: IA/WB/IND1/423883/2023 dated 20.11.2023

Registered Office:

9, A.J.C Bose Road, Ideal Centre,  
6th Floor, Kolkata-700 017

☎ +91 33 4085 7200

Works: Unit-I

P.O. Bonra, P.S. : Neturia - 723121,  
Dist.: Purulia, (WB)

Works: Unit-II

Chittaranjan Road, Dendua More,  
P.O & P.S.: Saianpur - 713357,  
Dist.: Paschim Bardhaman (WB)