

File No: MSPL -U2 /EC-Compliance / June'25

Dated: 29.05.2025

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

**Subject:** Six Monthly Compliance Report for the **Period of October '2024 to March'25** of M/s **Maithan Steel & Power Limited (Unit –II)** located at Chittaranjan Road, Dendua More, Vill Nakrajoria, PS – Salanpur, Dist – Paschim Bardhaman, West Bengal.

*Ref: EC File No: J-11011/679/2008-IA. II (I) dated 16<sup>th</sup> April 2019 as amended on 14<sup>th</sup> October, 2019.*

**Respected Sir / Madam (s),**

This has reference to the above subject, we are hereby submitting the six monthly compliance reports for the period from **October'2024 to March'2025** of previous accorded Environment Clearance (EC) vide letter No: J-11011/679/2008-IA. II (I) dated 16<sup>th</sup> April 2019 as amended on dated 14<sup>th</sup> October 2019 of **Unit-II of Maithan Steel & Power Ltd.** located at Chittaranjan Road, Dendua More, Vill – Nakrajoria, PS – Salanpur, Dist – Paschim Bardhaman, West Bengal in soft copy through mail as well as same shall be uploaded on Ministry's Parivesh Portal.

Hope you will find the same in order.

Thanking you

Yours faithfully

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



**Madhur Agarwalla**  
(Director)

C.C:

1. The Regional Director, Central Pollution Control Board (Eastern Zonal Office), G97V + H5Q, Kasba New Market, Sector E, East Kolkata Twp, Kolkata, West Bengal – 700107.
2. The Environment Engineer, Asansol Regional Office, West Bengal Pollution Control Board, Kalyanpur Satellite Township Projects, Dr. B.C. Roy Road, P.O-Dakshin Dhadka, Asansol, Dist – Paschim Bardhaman, WB – 713302.

**Registered Office:**

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

☎ 033-4849 8118

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

MAITHAN STEEL & POWER LIMITED



**Six Monthly EC Compliance Report of  
M/s Maithan Steel & Power Ltd. (Unit-II)  
For the period of Oct'24 – Mar'25**

**(MoEF & CC letter no. J-11011/679/2008-IA-II (I) dated 16.04.2019 as amended  
on dtd. 14.10.2019)**



A handwritten signature in blue ink, consisting of a stylized, cursive-like mark.

**Compliance Status of Environment Clearance No. J-11011/679/2008-IA-II(I) dtd. 16th April, 2019 as amended on 14th October, 2019 of M/s Maithan Steel & Power Ltd.**

**Vill & P.O - Nakraoria, P.S – Salanpur, Dist- Pachim Bardhaman**

A.	Compliance Conditions	Compliance Status
Sl. No	Specific Conditions	
i	The project proponent shall plan for re-charging of rainwater equivalent to the amount of the water abstracted from the ground.	<b>Noted.</b> At present we are not using ground water. Our water requirement is fulfilled by surface water from Damodar Valley Corporation (DVC). We have obtained the permission of the concerned authority for the current operational plant. We have also started rainwater harvesting system along with shed catchment areas.(Please refer <b>Annexure-1</b> ).
ii	100% hot charging has to be done and no reheating furnace will be used.	<b>Complied.</b> There is no provision of reheating furnace. 100% hot metal is being passed through CCM to hot rolling mill. Now, we have obtained EC, file no. <b>IA-J-11011/679/2008-IA-II(IND-I) dtd. 20th March, 2025</b> where permission for establishing reheating furnace is granted.
<b>B</b>	<b>General Conditions:</b>	
<b>I</b>	<b>Statutory Compliance</b>	
i	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the state pollution Control Board/ Committee.	<b>Complied.</b> Consent to establish dated 10-01-2020 for the installation and latest consent to operate have been obtained for operation of 3,75,000 TPA SMS (3x20T, 4x15T IF & CCM), 2,97,000 TPA Rolling Mill (1x300 & 1x600 TPD) & 33,000 TPA Cold Drawing Workshop (1x100 TPD) dated 02.08.2023 from WBPCB. CTE & CTO copy is enclosed as <b>Annexure - 2</b>
ii	The project Proponent Shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water from the competent authority concerned in case of drawl of surface water required for the project.	<b>Noted.</b> Ground water is not used for the project & production purposes. Hence permission from CGWA/ concerned authority is not applicable. Water requirement is being fulfilled by surface water from Damodar Valley Corporation (DVC) after obtaining the permission of the concerned authority for the current operational plant. Permission copy of DVC is enclosed as <b>Annexure – 3</b> .
iii	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.	<b>Being complied.</b> Hazardous Waste Authorization has been obtained from WBPCB. HW Authorization copy is enclosed as <b>Annexure – 4</b> .
<b>II</b>	<b>Air quality monitoring and preservation</b>	
i	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to	The Online Continuous Emission Monitoring Systems (OCEMS) are installed with the process stack &



	monitor stack with respect to standards prescribed in Environment (Protection) Rules 1986 (G.S.R 414 (E) dated 30th May 2008 as amended from time to time; S.O. 3305(E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time) and connect the system to SPCB and CPCB online servers and calibrate this system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	connected with CPCB server. Screenshot of RTDMS portal is enclosed as <b>Annexure -5</b> . All OCEMS have been calibrated periodically. Calibration certificates are enclosed as <b>Annexure -6</b> .
ii	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognized under Environment (Protection) act, 1986 or NABL accredited laboratories.	<b>Complied.</b> Fugitive Emissions are being monitored at 1. SMS -1 (Inside plant, near IF) 2. SMS -2 (Inside plant, near CCM) 3. Finished product loading point. By third party having NABL accredited laboratory. Results are found well within the permissible limit. Fugitive Emission Reports are attached as <b>Annexure- 7</b> .
iii	The project proponent shall install carryout Ambient Air Quality monitoring for common/ criterion parameters relevant to the main pollutants released (e.g., PM <sub>10</sub> and PM <sub>2.5</sub> in reference to 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) within and outside the plant area (at least at four locations one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.	<b>Complied.</b> Ambient Air Quality Monitoring (AAQM) is being carried out at four locations viz. Near Plant Main Gate inside premises and Near Salanpur Village, Near Nakrajoria Village & Near Dendua Village outside the plant premises on regular basis by third party having NABL accredited laboratory. Results are well within the limit. AAQM Reports are attached as <b>Annexure-8</b> .
iv	The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring of air quality/ fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.	<b>Being complied.</b> We are herewith enclosing OCEMS data for last six months as <b>Annexure-9</b> & Manual Stack Monitoring report as <b>Annexure-10</b> . Please refer <b>Annexure- 7</b> for Fugitive Emission reports & <b>Annexure- 8</b> for Ambient Air Quality Monitoring report.
v	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.	<b>Complied.</b> Existing stacks of SMS plants are equipped with bag filters, suction hoods and ID Fans. All bag houses are designed to meet the permissible limit. (Please refer photographs as <b>Annexure-11</b> ). Raw materials are kept properly under shed. There is no chance of fugitive emission since raw materials particles are heavy and are not in dust form.  Movable water sprinkling tanker have been used inside the plant premises to mitigate the fugitive emission as well as vehicular emission. (Please refer photographs as <b>Annexure-12</b> ). Also, adequate no. of fixed water sprinklers have been installed inside plant premises. A dedicated team of house keeping manpower is continuously engaged to control the fugitive emission inside the plant premises. (Please refer photographs as <b>Annexure-13</b> ).





vi	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better functioning of bag houses.	<b>Complied.</b> Auto purging system have been installed at bag house for periodical cleaning of bags. Auto purging system inside bag house is controlled through PLC system.
vii	Provide Pollution Control system in the sponge iron plant as per CREP Guidelines of CPCB.	<b>Not Applicable.</b> We are not producing sponge iron.
viii	Sufficient number of mobile or stationary vacuum cleaners shall be provided to clean plant roads shop floors, roofs, regularly.	<b>Complied.</b> a dedicated housekeeping team is engaged to look after the cleanliness of plant premises. (Please refer photographs as <b>Annexure-13</b> ).
ix	Recycle and reuse iron ore fines, coal and coke fines, lime fines and such other fines collected in the pollution devices and vacuum cleaning devices in the process after briquetting/ agglomeration.	<b>Not Applicable.</b>
x	The project proponent shall ensure covered transportation and conveying of ore, coal and other raw material to prevent spillage and dust generation.	<b>Complied.</b> Raw materials such as sponge iron, scrap comes to plant through fully covered trucks by tarpaulins & containers. (Please refer photographs as <b>Annexure-14</b> ).
xi	Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.	<b>Not Applicable.</b> Unit uses Sponge Iron, Pig Iron and Iron Scrap as raw materials which are kept under permanent shed. That is why wind shelter fence and chemical spraying are not applicable. We are using covered shed instead of using wind shelter.
<b>III</b>	<b>Water quality monitoring and preservation</b>	
<b>Sl No</b>	<b>Conditions</b>	<b>Compliance Status</b>
i	The project proponent shall install effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 (G.S.R 414 (E) dated 30th May 2008; S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories. (case to case basis small plants: Manual; Large plants: Continuous)	<b>Not Applicable since we do not have thermal power plant.</b> However, we would like to mention that water is being used only for cooling purpose which is recycled and again taken to system with make up water. No waste water is discharged outside plant premises. Hence, our plant is Zero Liquid Discharge (ZLD). Domestic waste water is treated in Sewage Treatment Plant and treated water is used for in green belt and dust suppression.
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.	<b>Complied.</b> We are monitoring the ground water quality of the nearby areas on half yearly basis. by NABL accredited laboratory. Analysis Report of <b>February'25</b> is enclosed as <b>Annexure- 15</b> .



iii	The project proponent shall submit <b>monthly summary report</b> of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional office of MoEF&CC, Zonal Office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.	<p><b>Complied.</b></p> <p>Industrial waste water is reused after primary treatment.</p> <p>Domestic effluent water analysis report of STP inlet and STP outlet for the month of February'2025 are attached as <b>Annexure- 16</b>.</p>
iv	Adhere to 'Zero Liquid Discharge'.	<p><b>Complied.</b></p> <p>Blow down water of cooling towers is recycled through media filter and reused in system. Also, oil skimmer has been installed to separate oil &amp; grease. No wastewater is discharged outside the plant premises.</p> <p>The domestic wastewater is reused after treated in the Sewage Treatment Plant (STP) for developing green belt and dust suppression inside plant.</p>
v	Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.	<p><b>Complied.</b></p> <p>We have installed 100 KLD STP for treating the domestic wastewater.</p> <p>Treated STP water is being used in developing green belt and dust suppression inside plant.</p> <p>(Please refer <b>Annexure – 17</b> for analysis report of STP outlet.)</p>
vi	Garland drains and collection pits shall be provided for each stockpile to arrest the run off in the event of heavy rains and to check the water pollution due to surface run off.	<p><b>Complied.</b></p> <p>Raw materials like sponge iron, scrap, pig iron (Solid &amp; Heavy particle) are kept under permanent shed on concrete floor.</p> <p>However, surface run off water is collected in rain water harvesting structure through storm water drain and subsequently utilize for dust suppression by the movable water tank. However, it over flows during heavy rains.</p>
vii	The project proponent shall practice rainwater harvesting to maximum possible extent.	<p><b>Complied.</b></p> <p>Industry has implemented Rainwater harvesting system.</p> <p>The rainwater is being collected in the roof top catchment area and stored in reservoir for reuse.</p> <p>(Please refer <b>Annexure – 18</b>).</p>



*[Handwritten signature]*



viii	The project proponent shall make efforts to minimize water consumption in the steel plant complex by segregation and treatment of used water, practicing cascade use and by recycling treated water.	<b>Complied.</b> Water is only used for cooling purpose. In this process, certain quantity of water gets evaporated and remaining water goes to cooling tower. Cooling tower blow down subsequently taken for filtration and then passes through softener for reuse in process. Hence, the industry is practicing cascade use of water in a systematic way.
<b>IV Noise monitoring and preservation</b>		
<b>Sl No.</b>	<b>Conditions</b>	<b>Compliance Status</b>
i	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the ministry as a part of six-monthly compliance report.	<b>Complied.</b> Noise Monitoring is being done on regular basis by third party having NABL accredited laboratories at four locations viz. Near Plant Main Gate, Dendua Village, Salanpur Village & Nakrajoria Village in the month of February' 2025. The Ambient noise quality monitoring reports are attached in <b>Annexure-19</b> .
ii	The ambient noise levels should confirm to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during daytime to 70 dB(A) during night time.	<b>Complied.</b> Please refer <b>Annexure-19</b> .
<b>V Energy Conservation measures</b>		
<b>Sl No</b>	<b>Conditions</b>	<b>Compliance Status</b>
i	The project proponent shall provide waste heat recovery system on the DRI kilns.	<b>Not applicable</b> as there is no DRI Kiln in the existing plant.
ii	The dolochar generated shall be used for power generation.	<b>Not applicable.</b>
iii	Provide solar power generation on roof tops of buildings, for solar light system for all common areas, streetlights, parking around project area and maintain the same regularly.	<b>Complied.</b> Roof top solar panel is installed to provide solar power to lighting systems which are installed at the inside & outside plant premises. (Please refer <b>Annexure – 20</b> ).
iv	Provide LED lights in their offices and residential areas.	Already implemented.
<b>VI Waste Management</b>		
<b>Sl No</b>	<b>Conditions</b>	<b>Compliance Status</b>
i	Used refractories shall be recycled as far as possible.	Not applicable.
ii	100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufacturers for further utilization and memorandum and understanding in this regard shall be submitted to the Ministry's Regional Office.	Not applicable.



iii	The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous & Other Waste (Management & Transboundary Movement) Rules, 2016.	<b>Complied.</b> Hazardous waste is disposed off through West Bengal Waste Management Limited (WBWML) during 2024-25. Copy of manifest is attached as <b>Annexure- 21</b> .
iv	Kitchen waste shall be composted or converted to biogas for further use.	<b>Complied.</b> Kitchen waste is composted and is used as manure/ bio-fertilizer in gardening.
<b>VII</b>	<b>Green Belt</b>	
<b>Sl No</b>	<b>Conditions</b>	<b>Compliance Status</b>
i	Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.	<b>Complied.</b> 33% of existing plant area of 10.27 ha i.e.3.39 ha is already developed as green belt by planting different types of tree species.  However, we would like to mention that the plant is under expansion activity for which another 9.23 Ha land is already acquired (EC granted for new project). Total land becomes 19.5 Ha. Considering the total land including expansion activity, industry has to develop total 6.50 Ha area as green belt. At present, industry has developed Green Belt / Plantation area of 6.23 Ha (31.9%) as confirmed by DFO. Total 13927 saplings are already been planted @2235 saplings /Ha covering all periphery. The company will strengthen greenbelt by planting additional 1648 saplings in the existing green belt to increase the density @2500 saplings/Ha and 675 saplings in the remaining 0.27 ha area. (Please refer <b>Annexure-22</b> for plantation details)
ii	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.	<b>Complied.</b> Report of the same is attached as <b>Annexure-23</b> for your reference.
<b>VIII</b>	<b>Public Health and Public hearing Issues</b>	
<b>Sl No</b>	<b>Conditions</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.	<b>Complied.</b> On-site emergency plan has been prepared covering HIRA and Disaster Management plan. (Copy attached as <b>Annexure-24</b> ).
ii	The project proponent shall carry out 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.	<b>Complied.</b> Please refer <b>Annexure-25</b> for report of Heat stress analysis of workmen working in high temperature work zone.





		We are providing standard personal protection Equipment (PPE) to all workmen as per the norms of factory Act.
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, crèche etc. The housing may be in the form of temporary structure to be removed after the completion of the project.	Existing plant infrastructure and facilities has been provided to Construction Labourers.
iv	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	<b>Complied.</b> OHS record is enclosed as <b>Annexure- 26</b> .
<b>IX</b>	<b>Corporate Environmental Responsibility (CER)</b>	
<b>Sl No</b>	<b>Conditions</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 1st May 2018, as applicable, regarding Corporate Environment Responsibility.	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 <b>Annexure-27</b> .
ii	The company shall have a well laid down environmental policy duly approved 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>Complied.</b> The company has a well laid down environment policy duly approved by Board of Directors. (Please refer <b>Annexure-28</b> ).
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 report directly to the head of the organization.	<b>Complied.</b> A Separate Environment Management Cell has been formed to look after all environmental issues.
iv	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and should not be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/ Regional Office along with the Six-Monthly Compliance Report.	<b>Being complied</b> Management allocates adequate funds year on year basis and incurs capital & recurring expenditure for the safeguard of environment. Please refer <b>Annexure-29</b> for expenditure incurred for Environmental Safeguard.
v	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	<b>Complied.</b> The company has ISO 9001, ISO 14001 & ISO 45001 certificate.
vi	All the recommendations made in the charter on Corporate Responsibility for Environment Protection (CREP) for the Sponge Iron plants shall be implemented.	Not Applicable.
<b>X</b>	<b>Miscellaneous</b>	





Sl No	Conditions	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.	Complied. Advertisement copy is attached as <b>Annexure-30</b> .
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.	<b>Complied.</b> EC copy was submitted to the Heads of Local bodies, Panchayats and/or Municipal bodies in addition to the relevant offices of the Government.
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.	<b>Being complied.</b> We have already uploaded the conditions with compliance to the website. Agreed to update on half-yearly basis.( <a href="http://www.maithansteel.com">www.maithansteel.com</a> ).
iv	The project proponent shall monitor the criteria pollutants levels level namely; PM10, PM2.5, SO2, NOx (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.	Noted & already being complied with. The management of MSPL (M/s. Maithan Steel & Power Limited) is monitoring criteria pollutants level namely: PM10, PM2.5, SO2, NO, (ambient levels as well as stack emissions of PM) by NABL accredited third party monitoring agency. Emission levels of pollutants of different units is being displayed on environment 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.
v	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the Ministry of Environment, Forest and Climate Change at environment clearance portal.	Being complied. Six-monthly compliance report is being uploaded on the website of the MoEF&CC.
vi	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (protection) Rules, 1986 as amended subsequently and put on the website of the company.	<b>Being Complied.</b> Industry is submitting environmental statement for each financial year in Form-V. Environmental statement for the financial year 2023-24 submitted to the West Bengal Pollution Control Board vide letter no. MSPL2/ENV_Statement/2023-24.
vii	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	<b>Complied.</b> Financial closure date is 20-10-2022; final approval of the project by the concerned authorities is 10-01-2020 & commencing the land development work from 04-05- 2020.
viii	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Noted.





Rainwater Harvesting System

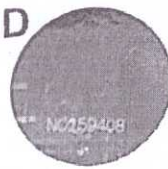


NOC NO159408

**SPEED POST**

# WEST BENGAL POLLUTION CONTROL BOARD

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



Memo No. 980-2N-19/2009(E)

Dated 03/09/2019

From :  
Member Secretary,  
West Bengal Pollution Control Board

To: M/s. Maithan Steel & Power Limited  
C/o. Madhur Agarwalla (Director),  
35, Ahiripukur Road, P.O. Ballygunge, PS-Karaya, Kolkata-700 019.

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

Ref: Your letter No. 1) MSPL-U-II/19-20/42 dated 14.05.2019  
11) MSPL-II/SMS/19-20/132 dated 06.07.2019  
111) MSPL-II/SMS/19-20/189 dated 28.08.2019

Dear Sirs,

In response to the application for Consent to Establish (NOC) for proposed Unit of M/s Maithan Steel & Power Limited (Unit-II) <sup>expansion</sup>

for manufacturing/stockpiling <sup>additional quantity of MS Billet 48000TPA &</sup>  
Hot Rolled Product 108000TPA & setting up cold Drawing Workshop of  
capacity 33000TPA.  
at the existing premises at Vill-Nakrajoria, P.O.-PS-Salanpur,\*

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.

\*Chittaranjan Road, under Dendua G.P., Dist.-Paschim Bardhaman, W.B.,  
PIN -714457.

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

*Mukh* 2/9/2019  
**Sr. Environmental Engineer**  
W. B. Pollution Control Board  
Dept. of Environment, GoWB



Special Conditions issued to M/s. Maithan Steel & Power Limited (Unit-II)

A) Emission :-

- 1) Induction Furnace (Elect) – 01 (One) no., Capacity 15 Tonnes. (4<sup>th</sup> Induction Furnace)
- 2) Stacks (for 4<sup>th</sup> induction furnace) – Common stack provided with existing 3 X 15 Tonnes Induction Furnace to be provided with adequate Air Pollution Control Systems (Spark arrestor, Bag Filter & I.D. Fan).

Stacks should have sampling arrangement with port, permanent platform and ladder as per the emission regulation part –III of CPCB.

B) Effluent from:-

- 1) Process – Nil.
- 2) Cooling water to be recycled after settling.
- 3) Domestic – to be discharged to soak pit.

C) Solid Waste :- Slag generated to be used for landfilling.

D) General :-

- 1) Noise Control – Ambient noise level not to exceed the permissible limit. The standards / guidelines for control of noise from stationary Diesel generator sets prescribed under notification of Ministry of Environment & Forest, Govt. of India, G.S.R.371(E), [17/5/2002] and its amendments should be followed.
- 2) No additional machineries/equipments can be installed without prior permission from this Board.
- 3) Only metallic mould to be used for moulding/sand moulding not permitted.
- 4) Use of galvanised iron scrap as raw material is not permitted.
- 5) Sponge iron to be used as a major raw material.
- 6) Proper lighting and proper pathway inside the factory premises should be constructed.
- 7) The unit may start operation only after obtaining 'Consent to Operate' from this Board with complete installation of dedicated pollution control devices for each induction furnace.
- 8) Fugitive emission should be controlled by installing adequate nos. of exhaust fans in the work shed.
- 9) Good house-keeping to be maintained.

NOC NO159432

SPEED POST

# WEST BENGAL POLLUTION CONTROL BOARD

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



Memo No. 11-2N-19/2009(E)

Dated 10.01.2020

From :  
Member Secretary,  
West Bengal Pollution Control Board

To : M/s. Maithan Steel & Power Limited (Unit-II),  
35, Ahiripukur Road, P.O.-Ballygunge, P.S.-Karaya, Kolkata-700019.

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

Ref : i) Your letter No. MSPL U-II/19-20

01/11/2019 & 20/12/2019

ii) EC issued by MOEF&CC vide F.No.J-11011/679/2008-IA-II/II) dtd.  
14th October, 2019.

## WEST BENGAL

Dear Sirs,

In response to the application for Consent to Establish (NOC) for proposed modification/expansion of M/s Maithan Steel & Power Limited (Unit-II) for manufacturing/storage/installation of 3X20T Induction Furnaces and 300TPD rolling mill. The final configuration after expansion/modification will be 4X15-T-IF + 3X20-T-IF + 2 CCM + LRF. Additional production capacity- 1,92,000 MT/Annum of billets/ingots, Rolling Mill (Hot rolled)- 99,000 MT/ Annum at Nakrajoria, P.S.-Saranpur, Dist.-Paschim Burdwan, W.B. this is to inform you that this Board hereby grants the Consent to Establish (NOC) from the environmental point of the above subject to the following conditions and special conditions annexed.

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

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



Special conditions issued to M/s. Maithan Steel & Power Limited at Nakrajoria, PS – Salanpur, Dist – Paschim Bardhaman, West Bengal (Expansion Project).

**A) Emission:-**

Sl. No	Emission sources	Capacity	Air Pollution Control System	Minimum Stack height from GL
1)	Induction Furnace	3x20MT (MS Ingots / Billets – 192000 MT/annum)	For Induction Furnace – Fume extraction system and dedicated pollution control system for each individual furnace comprising of swiveling hood, spark arrestor cum cyclone separator, bag filter, ID fan followed by stack	30 m
2)	Rolling Mill (Hot rolled)	300 TPD (99000 MT/annum)	--	--
3)	DG sets	1X750 KVA	Individual DG set to be provided with proper air pollution control device and acoustic enclosure	

- 1) Stack should have sampling port, platform and ladder as per the Emission Regulation Part-III of CPCB.
- 2) a) Stacks attached to DG Set should be of adequate height and to be provided with acoustic enclosures and residential silencer.  
b) Emission standards, Fuel specification and Stack height should comply with the prescribed limits under the notification of Ministry of Environment & Forest, Govt. of India, G.S.R. 489(E) [09.07.2002] and subsequent amendments.
- 3) The National Ambient Air Quality Emission Standards issued by MoEF vide G.S.R 826(E) dated 16<sup>th</sup> November, 2009 should be complied with.
- 4) Water sprinklers to be installed at strategic locations to arrest fugitive emission.

**B) Effluent :-**

- 1) Process – Nil.
- 2) Cooling water to be recycled.
- 3) Domestic - to be discharged through septic tank to soak-pit within the unit premises.

**C) Solid Waste :-**

- 1) Slag from induction furnace to be used for land filling and road making.
- 2) Hazardous Waste to be collected and disposed off as per the Hazardous and Other Wastes (Management and Trans boundary Movement) Rules, 2016.

Received  
9/8/2023

# WEST BENGAL POLLUTION CONTROL BOARD

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



Consent Letter Number : C0134684...

Memo Number : 318 - westbengal / 223 / R / Bm / 20 23

Date : 02.08.23

## 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. - Nakrajonia, P.O. & P.S. -  
Salanpur, Dist. - Paschim Bardhaman

(Detailed address of the manufacturing unit)

for a period from date of issue to 30.06.2028

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.)

02/08/23





(5)

Consent to M/s. Maithan Steel & Power Ltd.for its unit at Vill. - Naknagonia, P.O. & P.S. - Salanpur,Dist. - Paschim Bardhaman.

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	HSD	-	D.G. Set (2x750kVA, 1x380kVA)
02			
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
IF Slags	45500 tonnes/year	-	Landfilling & 30% concrete aggregate
APCD Dust	5000 tonnes/year	-	Reuse
MS Scraps	7000 tonnes/year	-	Reuse
Mill Scale	3000 tonnes/year	-	Reuse

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.)	65
Night Time (10 p.m. to 06 a.m.)	55

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

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

Continued.....



भारत सरकार  
जल शक्ति मंत्रालय  
जल संसाधन नदी विकास एवं गंगा संरक्षण विभाग  
केंद्रीय जल आयोग  
दामोदर घाटी जलाशय नियंत्रण यूनिट  
मैथन, धनबाद (झारखण्ड)



Annexure - 3  
Government of India  
Ministry of Jal Shakti  
Dept. of Water Resources, RD&GR  
Central Water Commission  
Damodar Valley Reservoir Regulation Unit  
Maithon, Dhanbad (Jharkhand)

No. MD/DVRR/W-6/146(MSPL-Unit-II)/2024/ 553-58

Date: 20.09.2024

To

The Director  
Maithan Steel & Power Limited  
Chittaranjan Road, Dendua More  
P.O & P.S- Salanpur  
District-Paschim Bardhaman  
West Bengal-713357

**Sub:- Concurrence for drawl of additional 0.1649 MGD (enhancement from 0.275 MGD to 0.4399 MGD) raw water from River Barakar downstream of Maithon Reservoir near Kalyaneshwari Burning Ghat regarding:**

**Ref : (i) Your application No. MSPL-U2/SMS/22-23/71 dated 27.03.2023  
(ii) WBIDC Letter No-WBIDC/DVRRCC/23-24/641 dated 12.06.2023  
(iii) DVRRC Letter No MD/DVRR/W-6(148)/2024/505-28 dated 13.09.2024.**

Sir,

Please refer the letter under reference (i) vide which request was made for allocation of **additional 0.1649 MGD (enhancement from 0.275 MGD to 0.4399 MGD)** of raw water from River Barakar downstream of Maithon Reservoir near Kalyaneshwari Burning Ghat for expansion of project Maithan Steel & Power Limited, Unit-II, Nakrajoria, P.O-Salanpur, District-Paschim Bardhaman, West Bengal. NOC was obtained from Executive Director, West Bengal Industrial Corporation Limited vide letter under reference (ii). On the recommendation of the 33<sup>rd</sup> Sub-Committee of DVRRC, the proposal has been accepted by Damodar Valley Reservoir Regulation Committee (DVRRC) in its 148<sup>th</sup> meeting held on 04.09.2024 at Ranchi. The Minutes of the 148<sup>th</sup> DVRRC meeting has already been circulated to the concerned officials vide letter under reference (iii). The earlier allocation of 0.275 MGD was concurred vide this Office Letter No MD/DVRR/WA-6(Part-VIII)/MAITHAN STEEL & POWER LTD./2019/ 651-56 dated 08.03.2019. **Now, the concurrence of DVRRC for allocation of additional 0.1649 MGD (enhancement from 0.275 MGD to 0.4399 MGD) of raw water is hereby conveyed** for drawl from River Barakar downstream of Maithon Reservoir subject to the following conditions :

- (A) Exact location for drawl of water may be decided in consultation with DVC. The water shall be drawn from the reservoir as and when available and intake structure/conveyance system should be designed accordingly. As sufficient water in the reservoir may not be available during certain days in the year particularly during summer months, you may have to make your own arrangement for captive storage to meet water requirement in such situations.
- (B) Adequate care should be taken in design and construction of the intake structure to ensure availability of water even during summer months. The intake structure should also be able to withstand the high levels in the river.

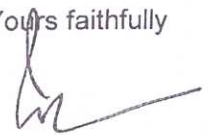
(C) The intake point and concurrence of water drawl of additional 0.1649 MGD (enhancement from 0.275 MGD to 0.4399 MGD) is project specific. The water drawn shall, in no way be utilized by the firm for any other purposes.

(D) You shall have to execute an Agreement with DVC and pay charges to DVC for the water drawn by it as per the terms and conditions in force. The allocation will come into effect from the day of execution of the agreement with DVC. The allocation of water will be treated as cancelled, if your office does not apply to DVC for executing an Agreement for drawl of water within a period of 3 (three) months from the date of issue of this letter.

(E) Drawl of water should start within 24 months from the date of issue of this letter. In case of non drawl after lapse of 24 months from the date of issue of this letter, the allocation shall deemed to be cancelled and the firm will have to apply afresh for revalidation of allocation.

The present allocation is temporarily allocated subject to fulfilment of all the primary formalities within the stipulated time period.

Yours faithfully



(Shashi Rakesh)  
Member Secretary, DVRRC

Copy to:

1. Chief Engineer (West), I&WD, Government of West Bengal, Kanainatsal, Sripally, Purba Bardhaman, West Bengal- 713103.
2. Executive Director, West Bengal industrial Development Corporation, Protiti, 23, Abanindranath Thakur Sarani (Camac Street), Kolkata-700017.
3. Executive Director (Civil) & HoP, Damodar Valley Corporation, Maithon.
4. Senior Manager (Civil) & Manager Reservoir Operation, Damodar Valley Corporation, Maithon.
5. Senior Manager (Civil), Water Tariff Cell, Damodar Valley Corporation, Maithon- It is requested that while executing the Agreement, all the suggestions as recommended by DVRRC during 148<sup>th</sup> DVRRC Meeting pertaining to allocation of water for M&I uses may be implemented.

रिया नंबर 2  
मैथन डैम - ८२८२०७  
दूरभाष: ०६५४०-२७४२१४ ,  
ई मेल: [sehocmaithon-cwc@gov.in](mailto:sehocmaithon-cwc@gov.in)

♣जल संरक्षण-सुरक्षित भविष्य♣



Area No 2,  
Maithon Dam-828207  
Tel: 06540-274214  
E-mail: [sehocmaithon-cwc@gov.in](mailto:sehocmaithon-cwc@gov.in)

♣Conserve Water- Save Life♣



**WEST BENGAL POLLUTION CONTROL BOARD**

(Department of Environment, Govt. of West Bengal)

Paribesh Bhawan

Bldg. No. 10 A, Block-LA, Sector-III, Bidhan Nagar,  
Kolkata - 700 098

Tel : 0091 (033) 2335-9088 / 8861 / 8211 / 8073 / 6731

2335-0261 / 8212 / 8213 / 7428 / 5975

Fax : 0091 (033) 2335 6730 / 2813

Website : [www.wbpcb.gov.in](http://www.wbpcb.gov.in), e-mail : [wbpcbnet@wbpcb.gov.in](mailto:wbpcbnet@wbpcb.gov.in)

Authorisation letter no.:

Memo No. 10/2S(HW)-4406/2020Date: 28.01.2021  
2020**FORM 2****Grant of Authorization under the provisions of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.****Ref.:** Application authorization dated 13.12.2020 for management & handling of Hazardous & Other Waste (Management & Transboundary) Rules, 2016 and its amendment thereafter.**M/s. Maithan Steel and Power Ltd, Unit-II****Chittaranjan Road, PO & PS- Salanpur, Dist: Paschim Bardhaman, Pin: 713357** is hereby granted an authorisation based on the enclosed inspection report for generation, collection, reception, storage, transport, reuse, recycling, recovery, pre-processing, co-processing, utilisation, treatment, disposal, or any other use of hazardous or other wastes or both on the **Chittaranjan Road, PO & PS- Salanpur, Dist: Paschim Bardhaman, Pin: 713357.****Details of Authorisation**

Sl. no.	Category of Hazardous Waste as per the Schedule I, II and III of these rules	Authorised mode of disposal or recycling or utilization or co-processing etc.	Quantity (Ton/year)
1.	5.2	Disposal to CHWTSDF. *	0.01
2.	5.1	Recycling through authorized recyclers.*.	0.178

**\* For detail refer to Specific Conditions.**(1) Authorization shall be valid for a period upto **30.10.2025** with effect from the date of issue

(2) The authorization is subject to the following general and specific conditions:

  
[Chief Engineer]

West Bengal Pollution Control Board

Subrata Ghosh

Chief Engineer

West Bengal Pollution Control Board

(Department of Environment, Government of West Bengal)

5. Transport of hazardous and other waste shall be in accordance with the Hazardous & Other Wastes (Management & Transboundary Movement) Rules, 2016, guidelines issued by the

Central Pollution Control Board (CPCB) and rules made under the Motor Vehicles Act, 1988.

The responsibility of safe transport shall be either of the sender or the receiver whosoever arranges the transport and this responsibility shall be clearly indicated in the Manifest.

6. Records of hazardous waste generation, storage and disposal shall be maintained properly and shall be available to the inspecting officials of the State Board during inspection.
7. The unit shall update regularly the environmental information in Display Boards as per the order of the Hon'ble Supreme Court dated. 14.10.2003 in W.P.(C) NO.657 of 1995.
8. Authorisation will be revoked in case of non-compliances with any of the above conditions.

✓ M/s. Maithan Steel and Power Ltd, Unit-II  
Chittaranjan Road, PO & PS- Salanpur,  
Dist: Paschim Bardhaman, Pin: 713357

Encl: As stated.

  
[Chief Engineer]  
West Bengal Pollution Control Board  
Subrata Ghosh  
Chief Engineer  
West Bengal Pollution Control Board  
(Department of Environment, Government of West Bengal)





# SHREE TECS PVT. LTD.

(Also known as Shree Technological & Engineering Consultancy Services Pvt. Ltd.)

710, Embassy Centre, Nariman Point, Mumbai – 400 021, Maharashtra, India  
Tel.: (022) 43334000 (20 Lines) Fax: 22842239 Email: shreetecs@gmail.com

## Certificate of Calibration

Client: MAITHAN STEEL & POWER LTD. Unit 2  
Mouza- Nakrajoria, P.O & P.S Salanpur,  
Dist Burdwan, Pin-713357, West Bengal

Calibration Date: 10/01/2025

Location: Stack-1

CEMS serial No: 20200212

### OBSERVATIONS

Sr.No.	Test points	Standard values with Permissible Deviation (V/mV)	Actual values in V/mV after Calibration	Calibration within Limit (YES / NO)
1	Stg1	0.0 mV +/- 0.5mV	0.10 mV	YES
2	UR1	0.0 mV +/- 0.5mV	0.00 mV	YES
3	UR2	0.0 mV +/- 0.5mV	0.10 mV	YES
4	Bias	- 3.0 mV +/- 0.1mV	-2.70 mV	YES
5	Stg2	- 0.02 V +/- 0.01V	- 0.03 V	YES
6	Stg3	- 0.20 V +/- 0.1V	- 0.21 V	YES
7	Stg4	- 0.50 V +/- 0.2V	- 0.53 V	YES
8	Stg5	- 0.60 V +/- 0.2V	- 0.62 V	YES

ZERO AND SPAN CALIBRATION CHECK - DONE

Test Equipment's Used: Multimeter, Standard Variable Load

**Note:** The Calibration results represented in this report are at the time of calibration. This is factory calibration. For complete & final quarterly / semi-annual calibration, Iso kinetic sampling results are required at various load factors, as per CPCB Guidelines.

CEMS Calibration done on- 10/01/2025

CEMS Calibration due on- 09/04/2025

FOR SHREE TECS PVT.LTD.



(Authorized Signatory)



# SHREE TECS PVT. LTD.

(Also known as Shree Technological & Engineering Consultancy Services Pvt. Ltd.)

710, Embassy Centre, Nariman Point, Mumbai – 400 021, Maharashtra, India  
Tel.: (022) 43334000 (20 Lines) Fax: 22842239 Email: shreetecs@gmail.com

## Certificate of Calibration

Client: MAITHAN STEEL & POWER LTD. Unit 2  
Mouza- Nakrajoria, P.O & P.S Salanpur,  
Dist Burdwan, Pin-713357, West Bengal

Calibration Date: 10/01/2025

Location: Stack- 2

CEMS serial No: 21220927

### OBSERVATIONS

Sr.No.	Test points	Standard values with Permissible Deviation (V/mV)	Actual values in V/mV after Calibration	Calibration within Limit (YES / NO)
1	Stg1	0.0 mV +/- 0.5mV	0.10 mV	YES
2	UR1	0.0 mV +/- 0.5mV	0.00 mV	YES
3	UR2	0.0 mV +/- 0.5mV	0.20 mV	YES
4	Bias	- 3.0 mV +/- 0.1mV	-3.10 mV	YES
5	Stg2	- 0.02 V +/- 0.01V	- 0.02 V	YES
6	Stg3	- 0.20 V +/- 0.1V	- 0.22 V	YES
7	Stg4	- 0.50 V +/- 0.2V	- 0.52 V	YES
8	Stg5	- 0.60 V +/- 0.2V	- 0.65 V	YES

ZERO AND SPAN CALIBRATION CHECK - DONE

Test Equipment's Used: Multimeter, Standard Variable Load

**Note:** The Calibration results represented in this report are at the time of calibration. This is factory calibration. For complete & final quarterly / semi-annual calibration, Iso kinetic sampling results are required at various load factors, as per CPCB Guidelines.

CEMS Calibration done on- 10/01/2025

CEMS Calibration due on- 09/04/2025

FOR SHREE TECS PVT.LTD.



(Authorized Signatory)



# 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 FUGITIVE AIR ANALYSIS

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

Sample is drawn by M/s. Greenvision

U.L.R. No. : TC1528825000000083F

Report No. : GV/AR/24-25/607  
 Name of Customer : M/s. Maithan Steel & Power Ltd. (Unit – II)  
 Address of Customer : Mouza : Nakrajoria, P.O. + P.S. : Salanpur,  
 Dist. : Paschim Bardhaman, Pin : 713357.  
 Sample Description : Fugitive Air  
 Sampling Location : SMS - 1  
 Sample Condition : In GMF Filter Paper & Plastic Bottle  
 Location of Testing : At Laboratory  
 Sampling Method : CPCB, Emission Regulation (Part III)

Sample Ref. ID : AS-019-2025{3}  
 Report Date : 10.03.2025  
 Date of Sampling : 22.02.2025  
 Date of Receiving : 22.02.2025  
 Analysis Started On : 24.02.2025  
 Analysis Completed On : 25.02.2025  
 Time of Sampling : 11:05 am to  
 07:05 pm

### A. METROLOGICAL INFORMATION

Average Temperature ( $^{\circ}\text{C}$ ) : 33.0  
 Barometric Pressure (mm of Hg) : 756.0

### B. RESULT OF ANALYSIS

Sl. No.	Parameters	Unit	Concentration	Test Method
01.	Concentration of TSPM	$\mu\text{g}/\text{m}^3$	772.42	IS : 5182 (Part 4), 1999
02.	Concentration of $\text{SO}_2$	$\mu\text{g}/\text{m}^3$	7.9	IS : 5182 (Part 2), 2006
03.	Concentration of $\text{NO}_2$	$\mu\text{g}/\text{m}^3$	35.19	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.

*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 (Filter Paper) is 6 months from the date of issue test report unless otherwise specified.





# 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 FUGITIVE AIR ANALYSIS

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

Sample is drawn by M/s. Greenvision

U.L.R. No. : TC1528825000000084F

Report No. : GV/AR/24-25/608  
Name of Customer : M/s. Maithan Steel & Power Ltd. (Unit – II)  
Address of Customer : Mouza : Nakrajoria, P.O. + P.S. : Salanpur,  
Dist. : Paschim Bardhaman, Pin : 713357.  
Sample Description : Fugitive Air  
Sampling Location : SMS - 2  
Sample Condition : In GMF Filter Paper & Plastic Bottle  
Location of Testing : At Laboratory  
Sampling Method : CPCB, Emission Regulation (Part III)

Sample Ref. ID : AS-019-2025(4)  
Report Date : 10.03.2025  
Date of Sampling : 22.02.2025  
Date of Receiving : 22.02.2025  
Analysis Started On : 24.02.2025  
Analysis Completed On : 25.02.2025  
Time of Sampling : 11:30 am to 07:30 pm

### A. METROLOGICAL INFORMATION

Average Temperature (°C) : 33.0  
Barometric Pressure (mm of Hg) : 756.0

### B. RESULT OF ANALYSIS

Sl. No.	Parameters	Unit	Concentration	Test Method
01	Concentration of TSPM	$\mu\text{g}/\text{m}^3$	943.03	IS : 5182 (Part 4), 1999
02	Concentration of $\text{SO}_2$	$\mu\text{g}/\text{m}^3$	7.02	IS : 5182 (Part 2), 2006
03	Concentration of $\text{NO}_2$	$\mu\text{g}/\text{m}^3$	33.87	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

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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 FUGITIVE AIR ANALYSIS

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

Sample is drawn by M/s. Greenvision

U.L.R. No. : TC1528825000000095F

Report No. : GV/AR/24-25/614  
Name of Customer : M/s. Maithan Steel & Power Ltd. (Unit – II)  
Address of Customer : Mouza : Nakrajoria, P.O. + P.S. : Salanpur,  
Dist. : Paschim Bardhaman, Pin : 713357.  
Sample Description : Fugitive Air  
Sampling Location : Loading Point  
Sample Condition : In GMF Filter Paper & Plastic Bottle  
Location of Testing : At Laboratory  
Sampling Method : CPCB, Emission Regulation (Part III)

Sample Ref. ID : AS-020-2025(4)  
Report Date : 10.03.2025  
Date of Sampling : 24.02.2025  
Date of Receiving : 24.02.2025  
Analysis Started On : 25.02.2025  
Analysis Completed On : 26.02.2025  
Time of Sampling : 10:35 am to  
06:35 pm

### A. METROLOGICAL INFORMATION

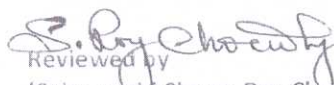
Average Temperature ( $^{\circ}\text{C}$ ) : 33.5  
Barometric Pressure (mm of Hg) : 756.0

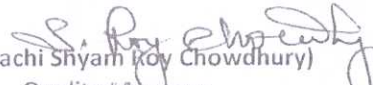
### B. RESULT OF ANALYSIS

Sl. No.	Parameters	Unit	Concentration	Test Method
01.	Concentration of TSPM	$\mu\text{g}/\text{m}^3$	668.76	IS : 5182 (Part 4), 1999
02.	Concentration of $\text{SO}_2$	$\mu\text{g}/\text{m}^3$	8.77	IS : 5182 (Part 2), 2006
03.	Concentration of $\text{NO}_2$	$\mu\text{g}/\text{m}^3$	34.53	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

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Page 1/1  
End of the report.....

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TC-15288

## TEST REPORT OF AMBIENT AIR ANALYSIS

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

Sample is drawn by M/s. Greenvision

U.L.R. No. : TC1528825000000081F

Report No. : GV/AR/24-25/605  
Name of Customer : M/s. Maithan Steel & Power Ltd. (Unit – II)  
Address of Customer : Chittaranjan Road, P.O. + P.S. : Salanpur,  
Dist. : Paschim Bardhaman, Pin : 713357.  
Sample Description : Ambient Air  
Sampling Location : Dendua 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-019-2025(1)  
Report Date : 10.03.2025  
Date of Sampling : 22.02.2025 to  
23.02.2025  
Date of Receiving : 23.02.2025  
Analysis Started On : 24.02.2025  
Analysis Completed On : 25.02.2025  
Time of Sampling : 08:10 am to  
08:10 am

### A. METROLOGICAL INFORMATION

Average Temperature ( $^{\circ}\text{C}$ ) : 32.7  
Average Relative Humidity (%) : 82.0  
Barometric Pressure (mm of Hg) : 756.0  
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>	$\mu\text{g}/\text{m}^3$	69.52	100.0
02.	Concentration of PM <sub>2.5</sub>	$\mu\text{g}/\text{m}^3$	34.99	60.0
03.	Concentration of SO <sub>2</sub>	$\mu\text{g}/\text{m}^3$	8.77	80.0
04.	Concentration of NO <sub>2</sub>	$\mu\text{g}/\text{m}^3$	35.82	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>	$\mu\text{g}/\text{m}^3$	5.19	400.0
08.	Concentration of CO	$\text{mg}/\text{m}^3$	0.144	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

*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

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TC-15288

## TEST REPORT OF AMBIENT AIR ANALYSIS

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

Sample is drawn by M/s. Greenvision

U.L.R. No. : TC1528825000000082F

Report No. : GV/AR/24-25/606  
Name of Customer : M/s. Maithan Steel & Power Ltd. (Unit – II)  
Address of Customer : Chittaranjan Road, P.O. + P.S. : Salanpur,  
Dist. : Paschim Bardhaman, Pin : 713357.  
Sample Description : Ambient Air  
Sampling Location : Nakrajoria Village  
Sample Condition : In GMF Filter Paper & Plastic Bottle  
Location of Testing : At Laboratory

Sample Ref. ID : AS-019-2025(2)  
Report Date : 10.03.2025  
Date of Sampling : 22.02.2025 to  
23.02.2025  
Date of Receiving : 23.02.2025  
Analysis Started On : 24.02.2025  
Analysis Completed On : 25.02.2025  
Time of Sampling : 09:05 am to  
09:05 am

Sampling Method : CPCB, Emission Regulation (Part III)

### A. METROLOGICAL INFORMATION

Average Temperature ( $^{\circ}\text{C}$ ) : 32.7  
Average Relative Humidity (%) : 82.0  
Barometric Pressure (mm of Hg) : 756.0  
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>	$\mu\text{g}/\text{m}^3$	78.04	100.0
02.	Concentration of PM <sub>2.5</sub>	$\mu\text{g}/\text{m}^3$	40.83	60.0
03.	Concentration of SO <sub>2</sub>	$\mu\text{g}/\text{m}^3$	7.9	80.0
04.	Concentration of NO <sub>2</sub>	$\mu\text{g}/\text{m}^3$	34.53	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>	$\mu\text{g}/\text{m}^3$	5.05	400.0
08.	Concentration of CO	$\text{mg}/\text{m}^3$	0.134	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

*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

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## TEST REPORT OF AMBIENT AIR ANALYSIS

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

Sample is drawn by M/s. Greenvision

U.L.R. No. : TC1528825000000092F

Report No. : GV/AR/24-25/611  
Name of Customer : M/s. Maithan Steel & Power Ltd. (Unit – II)  
Address of Customer : Chittaranjan Road, P.O. + P.S. : Salanpur,  
Dist. : Paschim Bardhaman, Pin : 713357.  
Sample Description : Ambient Air  
Sampling Location : Salanpur 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-020-2025(1)  
Report Date : 10.03.2025  
Date of Sampling : 24.02.2025 to  
25.02.2025  
Date of Receiving : 25.02.2025  
Analysis Started On : 26.02.2025  
Analysis Completed On : 27.02.2025  
Time of Sampling : 08:50 am to  
08:50 am

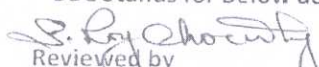
### A. METROLOGICAL INFORMATION

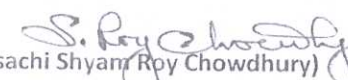
Average Temperature ( $^{\circ}\text{C}$ ) : 33.0  
Average Relative Humidity (%) : 82.0  
Barometric Pressure (mm of Hg) : 756.0  
Smell or Odour : No Remarkable Smell  
Weather Condition : Clear Sky

### B. RESULT OF ANALYSIS

Sl. No.	Parameters	Unit	Concentration	Limit
01.	Concentration of PM <sub>10</sub>	$\mu\text{g}/\text{m}^3$	86.97	100.0
02.	Concentration of PM <sub>2.5</sub>	$\mu\text{g}/\text{m}^3$	44.16	60.0
03.	Concentration of SO <sub>2</sub>	$\mu\text{g}/\text{m}^3$	8.77	80.0
04.	Concentration of NO <sub>2</sub>	$\mu\text{g}/\text{m}^3$	35.82	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>	$\mu\text{g}/\text{m}^3$	5.47	400.0
08.	Concentration of CO	$\text{mg}/\text{m}^3$	0.152	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

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Branch Office : Durgachak, Haldia, Purba Medinipur, Ph. : 8101647425 M.N. Sarkar Road, Mahananda Para, Siliguri-734001



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TC-15288

## TEST REPORT OF AMBIENT AIR ANALYSIS

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

Sample is drawn by M/s. Greenvision

U.L.R. No. : TC1528825000000093F

Report No. : GV/AR/24-25/612  
Name of Customer : M/s. Maithan Steel & Power Ltd. (Unit – II)  
Address of Customer : Chittaranjan Road, P.O. + P.S. : Salanpur,  
Dist. : Paschim Bardhaman, Pin : 713357.  
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-020-2025(2)  
Report Date : 10.03.2025  
Date of Sampling : 24.02.2025 to  
25.02.2025  
Date of Receiving : 25.02.2025  
Analysis Started On : 26.02.2025  
Analysis Completed On : 27.02.2025  
Time of Sampling : 09:20 am to  
09:20 am

### A. METROLOGICAL INFORMATION

Average Temperature ( $^{\circ}\text{C}$ ) : 33.0  
Average Relative Humidity (%) : 82.0  
Barometric Pressure (mm of Hg) : 756.0  
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>	$\mu\text{g}/\text{m}^3$	86.69	100.0
02.	Concentration of PM <sub>2.5</sub>	$\mu\text{g}/\text{m}^3$	44.16	60.0
03.	Concentration of SO <sub>2</sub>	$\mu\text{g}/\text{m}^3$	9.65	80.0
04.	Concentration of NO <sub>2</sub>	$\mu\text{g}/\text{m}^3$	36.48	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>	$\mu\text{g}/\text{m}^3$	5.71	400.0
08.	Concentration of CO	$\text{mg}/\text{m}^3$	0.223	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

*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

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Branch Office : Durgachak, Haldia, Purba Medinipur, Ph. : 8101647425 M.N. Sarkar Road, Mahananda Para, Siliguri-734001



**Maithan Steel & Power Ltd (Unit II) Stack\_1\_Induction Furnace\_Maithan-U-2\_Salanpur**

Village Nakrajoria, P.O. &amp; P.S. Salanpur, Dist. Paschim Bardhaman, PIN 713357, Salanpur, West Bengal-713357

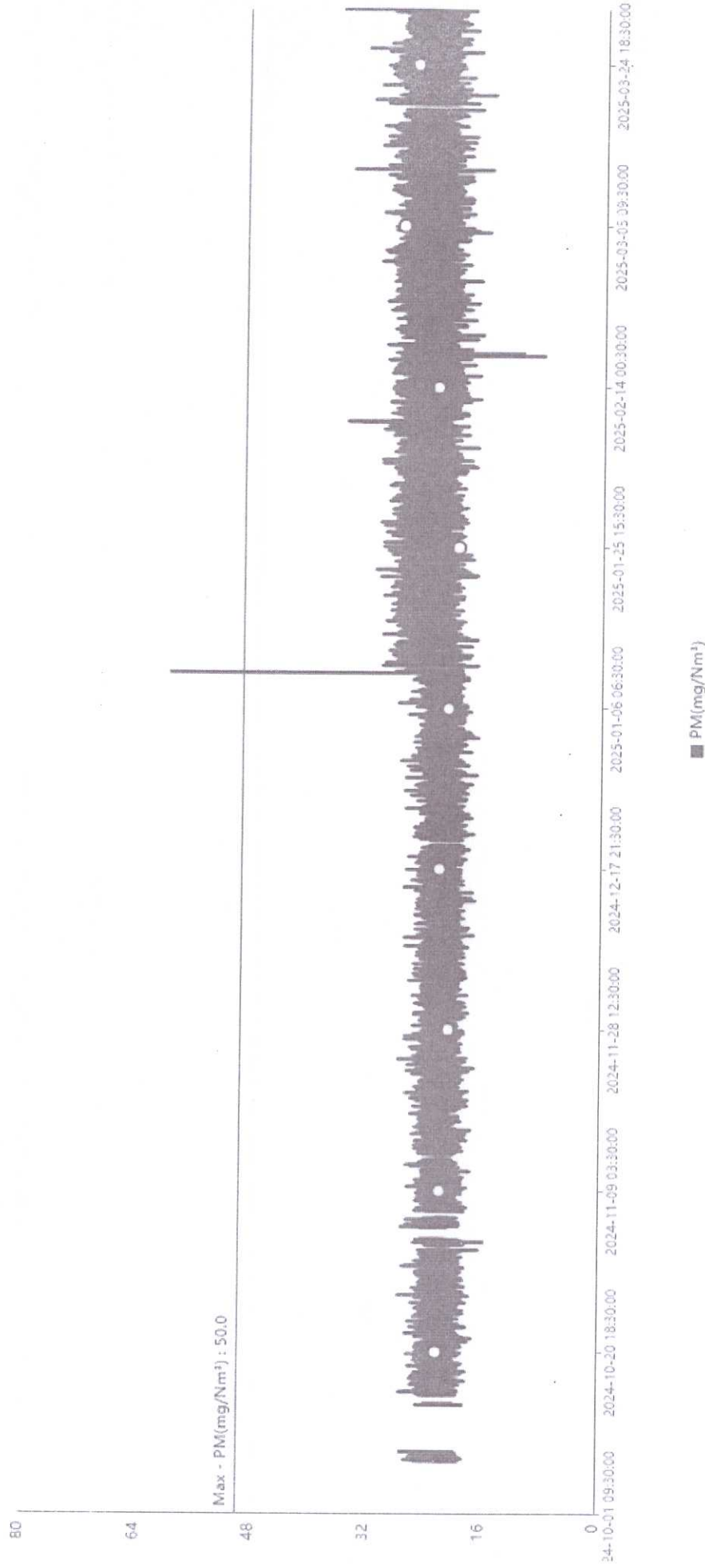
Start Date - 2024-10-01

End Date - 2025-03-31

Average - 15 Minutes

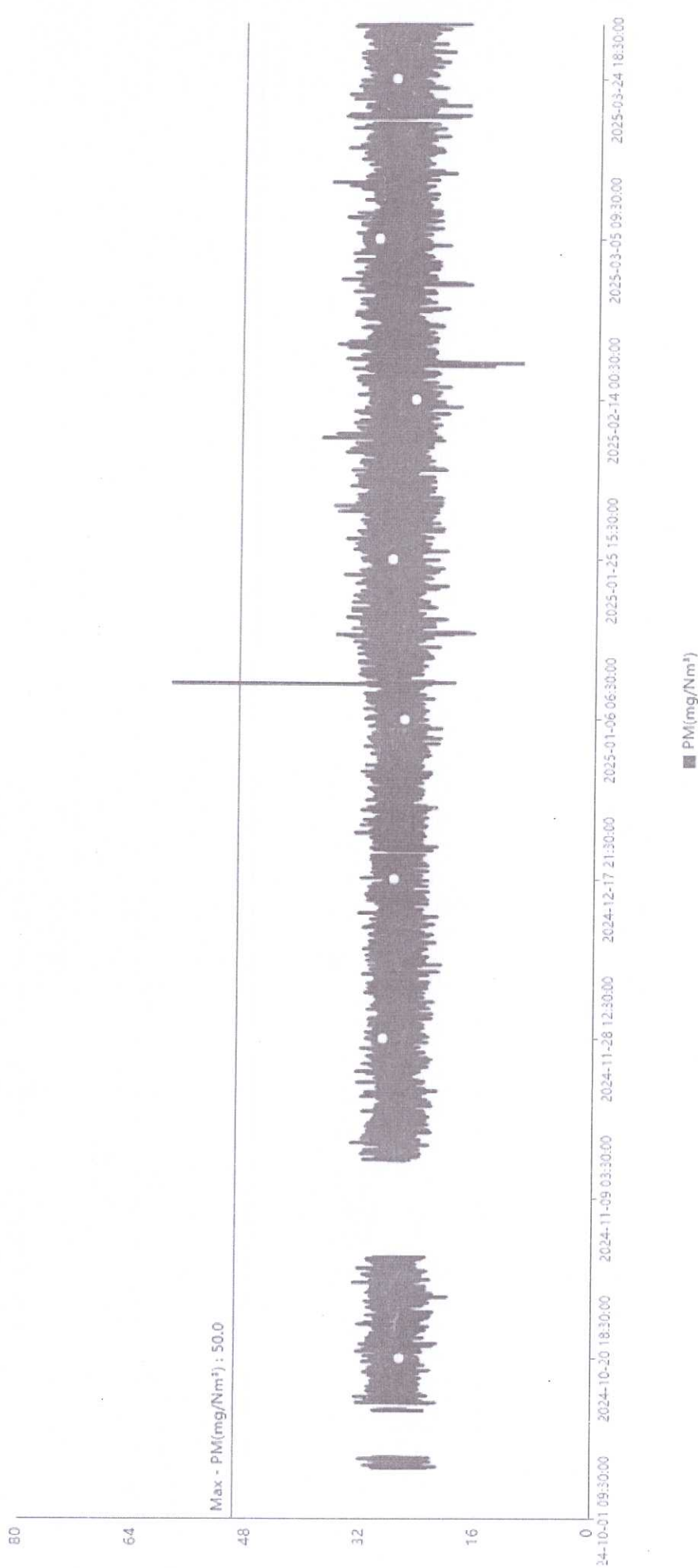


CPCB



**Maithan Steel & Power Ltd (Unit II) Stack\_2\_InductionFurnance\_03x20TPH**  
Village Nakrajoria, P.O. & P.S. Salanpur, Dist. Paschim Bardhaman, PIN 713357, Salanpur, West Bengal-713357

Start Date - 2024-10-01  
End Date - 2025-03-31  
Average - 15 Minutes







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



TC-15288

## TEST REPORT OF STACK GAS ANALYSIS

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

Sample is drawn by M/s. Greenvision		U.L.R. No. : TC1528825000000079F	
Report No.	: GV/AR/24-25/609	Sample Ref. ID	: AS-019-2025(5)
Name of Customer	: M/s. Maithan Steel & Power Ltd. (Unit - II)	Report Date	: 10.03.2025
Address of Customer	: Mouza : Nakrajoria, P.O. + P.S. : Salanpur, Dist. : Paschim Bardhaman, Pin : 713357.	Date of Sampling	: 22.02.2025
Sample Description	: Stack Air	Sample Received On	: 22.02.2025
Sampling Location	: Induction Furnace	Analysis Started On	: 24.02.2025
Sample Condition	: In GMF Thimble	Analysis Completed On	: 24.02.2025
Sampling Method	: CPCB, Emission Regulation (Part III)	Time of Sampling	: 12:10 pm
Testing Location	: At Laboratory		

### A. GENERAL INFORMATION ABOUT STACK

01. Particulars of plant	: Steel Plant (SMS - 2)
02. Stack connected to	: Induction Furnace No. 1, 2 & 3
03. Material of construction	: M.S.
04. Shape of stack	: Circular
05. Height of stack from G.L. (mtr)	: 30.0
06. Height of sampling from G.L. (mtr)	: 20.0
07. Internal stack diameter at sampling point (mtr)	: 2.7
08. Emission due to	: Melting of Sponge Iron & Scrap
09. Steam generation capacity: (rated)	: ---
10. Load of source: (rated)	: 20 MT/Heat/Furnace

### 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 GASEOUS EMISSION SAMPLING

		Test Method
01. Flue gas temperature (°C)	62	CPCB, Emission Regulation (Part III)
02. Barometric pressure (mm of Hg)	756.0	CPCB, Emission Regulation (Part III)
03. Velocity of flue gas (m/sec)	7.22	CPCB, Emission Regulation (Part III)
04. Quantity of gas flow (Nm³/hr.)	131624.12	CPCB, Emission Regulation (Part III)
05. Concentration of Particulate Matter (mg/Nm³)	23.11	IS:11255 (Part 1), 1985, Reaffirmed 2014
06. Particulate Matter normalized at 12% CO₂	---	IS:11255 (Part 1), 1985, Reaffirmed 2014
07. Concentration of SO₂ (mg/Nm³)	---	IS:11255 (Part 2), 1985, Reaffirmed 2014
08. Concentration of CO₂ (% V/V)	2.4	IS:13270:1992, Reaffirmed 2014
09. Concentration of CO (% V/V)	< 0.2	IS:13270:1992, Reaffirmed 2014

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

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

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

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TC-15288

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 STACK GAS ANALYSIS

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

Sample is drawn by M/s. Greenvision

U.L.R. No. : TC152882500000080F

Report No.	: GV/AR/24-25/610	Sample Ref. ID	: AS-019-2025(6)
Name of Customer	: M/s. Maithan Steel & Power Ltd. (Unit – II)	Report Date	: 10.03.2025
Address of Customer	: Mouza : Nakrajoria, P.O. + P.S. : Salanpur, Dist. : Paschim Bardhaman. Pin : 713357.	Date of Sampling	: 22.02.2025
Sample Description	: Stack Air	Sample Received On	: 22.02.2025
Sampling Location	: Induction Furnace	Analysis Started On	: 24.02.2025
Sample Condition	: In GMP Thimble	Analysis Completed On	: 24.02.2025
Sampling Method	: CPCB. Emission Regulation (Part III)	Time of Sampling	: 03:15 pm
Testing Location	: At Laboratory		

### A. GENERAL INFORMATION ABOUT STACK

01. Particulars of plant	: Steel Plant (SMS- I)
02. Stack connected to	: Induction Furnace No. 1,2,3 & 4
03. Material of construction	: M.S.
04. Shape of stack	: Circular
05. Height of stack from G.L. (mtr)	: 30.0
06. Height of sampling from G.L. (mtr)	: 20.0
07. Internal stack diameter at sampling point (mtr)	: 1.2
08. Emission due to	: Melting of Allied Materials
09. Steam generation capacity: (rated)	: --- (running) : ---
10. Load of source: (rated)	: 15 MT/Heat/Furnace (running) : 15 MT/Heat/Furnace

### 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 GASEOUS EMISSION SAMPLING

		Test Method
01. Flue gas temperature ( $^{\circ}$ C)	67	CPCB, Emission Regulation (Part III)
02. Barometric pressure (mm of Hg)	756.0	CPCB, Emission Regulation (Part III)
03. Velocity of flue gas (m/sec)	15.36	CPCB, Emission Regulation (Part III)
04. Quantity of gas flow ( $\text{Nm}^3/\text{hr.}$ )	54499.61	CPCB, Emission Regulation (Part III)
05. Concentration of Particulate Matter ( $\text{mg}/\text{Nm}^3$ )	25.6	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 $\text{CO}_2$ (% V/V)	2.6	IS:13270:1992, Reaffirmed 2014
09. Concentration of CO (% V/V)	< 0.2	IS:13270:1992, Reaffirmed 2014

Pollution Control Device : Bag Filter

Permanent Ladder and Platform : Yes

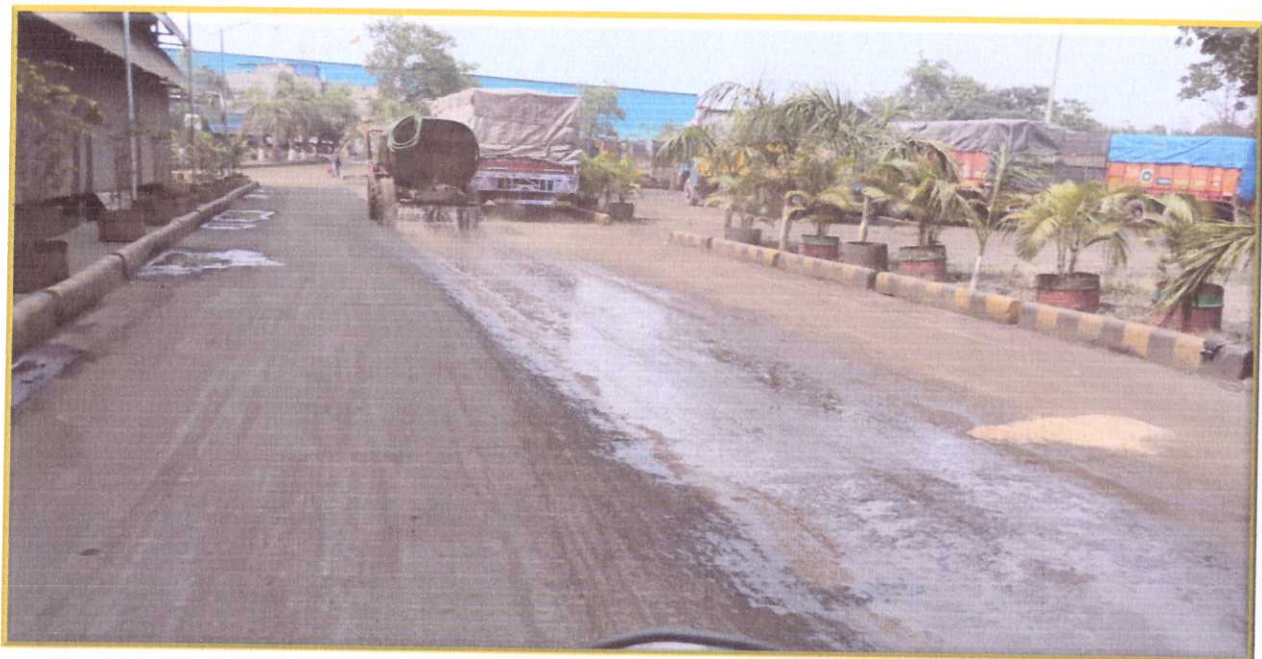
Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager

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

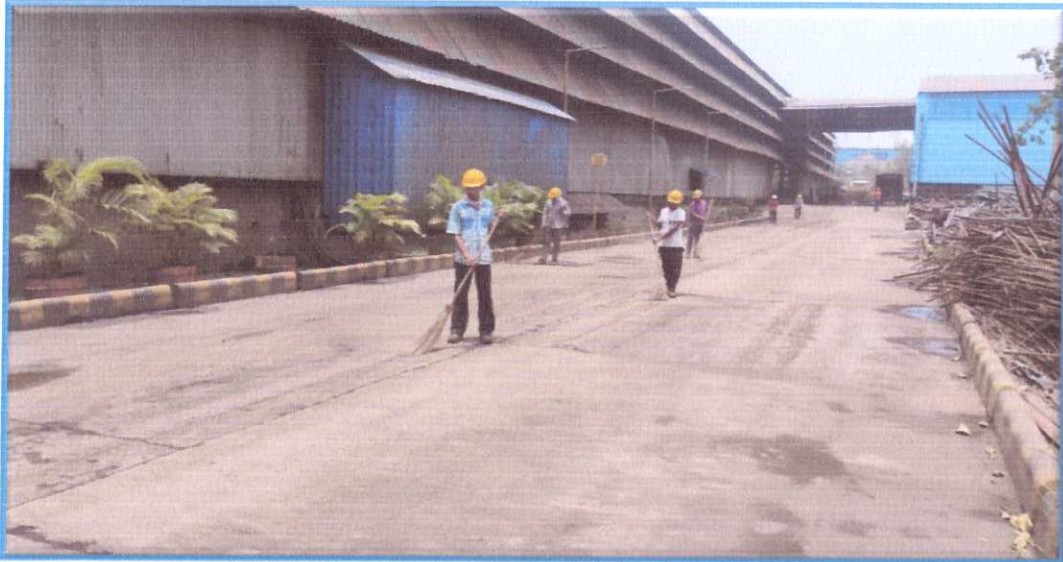
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2. All the information under column A & B are supplied by the respective industry.  
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4. Retention period of tested sample (Thimble) is 6 months from the date of issue test report unless otherwise specified.



Water Sprinkling Inside the Plant by Water Tanker









# Raw Material Trucks Covered by Tarpaulin







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



TC-15288

## 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.	: TC15288250000001051
Sample identification	: Nil	Laboratory Ref. No.	: GS-003-2025(1)
Report No.	: GV/GW/24-25/116	Report Date	: 10.03.2025
Issued To	: M/s. Maithan Steel & Power Ltd. (Unit – II)	Date of Sampling	: 24.02.2025
Address	: Mouza : Nakrajoria, P.O. + P.S. : Salanpur, Dist. : Paschim Bardhaman, Pin : 713357.	Sample Received on	: 24.02.2025
Sample Condition	: In Glass Bottle & Plastic Bottle	Analysis Started on	: 25.02.2025
Sample Description	: Ground Water	Analysis Completed on	: 04.03.2025
Sampling Method	: APHA 24 <sup>th</sup> EDITION, 1060	Time of Sampling	: 12:30 pm
Location	: Tube Well at Nakrajoria 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 <sup>o</sup> C)	-	7.95	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.	0.39	1	5	2130 B
6.	Conductivity	µS/cm	684.0	-	-	2510 B
7.	Total Dissolved Solid (TDS)	mg/L	502.0	500	2000	2540 C
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	296.0	200	600	2340 C
9.	Chloride as Cl	mg/L	41.77	250	1000	4500Cl <sup>-</sup> B
10.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	190.0	200	600	2320 B
11.	Sulfate as SO <sub>4</sub>	mg/L	40.82	200	400	4500 SO <sub>4</sub> <sup>2-</sup> E
12.	Nitrate as NO <sub>3</sub> <sup>-</sup>	mg/L	3.8	45.0	No Relaxation	4500 NO <sub>3</sub> <sup>-</sup>
13.	Fluoride as F	mg/L	BDL	1	1.5	4500 FD





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14.	Calcium as Ca	mg/L	56.91	75	200	3500- Ca B
15.	Magnesium as Mg	mg/L	37.42	30	100	3500- Mg B
16.	Iron as Fe	mg/L	0.18	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

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## 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.	: TC1528825000000107
Sample identification	: Nil	Laboratory Ref. No.	: GS-003-2025(3)
Report No.	: GV/GW/24-25/118	Report Date	: 10.03.2025
Issued To	: M/s. Maithan Steel & Power Ltd. (Unit – II)	Date of Sampling	: 24.02.2025
Address	: Mouza : Nakrajoria, P.O. + P.S. : Salanpur, Dist. : Paschim Bardhaman, Pin : 713357.	Sample Received on	: 24.02.2025
Sample Condition	: In Glass Bottle & Plastic Bottle	Analysis Started on	: 25.02.2025
Sample Description	: Ground Water	Analysis Completed on	: 04.03.2025
Sampling Method	: APHA 24 <sup>th</sup> EDITION, 1060	Time of Sampling	: 01:15 pm
Location	: Tube Well at Srirampur 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)	-	7.48	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.	0.67	1	5	2130 B
6.	Conductivity	μS/cm	259.5	-	-	2510 B
7.	Total Dissolved Solid (TDS)	mg/L	186.8	500	2000	2540 C
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	160.0	200	600	2340 C
9.	Chloride as Cl	mg/L	19.43	250	1000	4500Cl <sup>-</sup> B
10.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	150.0	200	600	2320 B
11.	Sulfate as SO <sub>4</sub>	mg/L	24.82	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





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14.	Calcium as Ca	mg/L	28.06	75	200	3500- Ca B
15.	Magnesium as Mg	mg/L	21.83	30	100	3500- Mg B
16.	Iron as Fe	mg/L	0.13	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

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



TC-15288

## 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.	: TC1528825000000106
Sample identification	: Nil	Laboratory Ref. No.	: GS-003-2025(2)
Report No.	: GV/GW/24-25/117	Report Date	: 10.03.2025
Issued To	: M/s. Maithan Steel & Power Ltd. (Unit – II)	Date of Sampling	: 24.02.2025
Address	: Mouza : Nakrajoria, P.O. + P.S. : Salanpur, Dist. : Paschim Bardhaman, Pin : 713357.	Sample Received on	: 24.02.2025
Sample Condition	: In Glass Bottle & Plastic Bottle	Analysis Started on	: 25.02.2025
Sample Description	: Ground Water	Analysis Completed on	: 04.03.2025
Sampling Method	: APHA 24 <sup>th</sup> EDITION, 1060	Time of Sampling	: 12:50 pm
Location	: Tube Well at Maheshpur 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)	-	7.61	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.	0.4	1	5	2130 B
6.	Conductivity	µS/cm	607.0	-	-	2510 B
7.	Total Dissolved Solid (TDS)	mg/L	456.7	500	2000	2540 C
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	190.0	200	600	2340 C
9.	Chloride as Cl	mg/L	67.99	250	1000	4500Cl <sup>-</sup> B
10.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	132.0	200	600	2320 B
11.	Sulfate as SO <sub>4</sub>	mg/L	37.82	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





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TC-15288

14.	Calcium as Ca	mg/L	52.1	75	200	3500- Ca B
15.	Magnesium as Mg	mg/L	14.58	30	100	3500- Mg B
16.	Iron as Fe	mg/L	0.15	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

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End of the report.....

City Office : 84/10, Roy Bahadur Road, Behala, Kolkata-700 034, Ph. : 9433158173

Branch Office : Durgachak, Haldia, Purba Medinipur, Ph. : 8101647425 M.N. Sarkar Road, Mahananda Para, Siliguri-734001



Sewage Treatment Plant







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



TC-15288

## TEST REPORT OF WATER ANALYSIS

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

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

Sample submitted and identified by customer as : N.A.

U.L.R. No. : TC1528825000000088F

Report No. : GV/WW/24-25/188

Sample Ref. ID : WS-013-2025(1)

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

Report Date : 10.03.2025

Address of Customer : Mouza : Nakrajoria, P.O. + P.S. : Salanpur,  
Dist. : Paschim Bardhaman, Pin : 713357.

Date of Sampling : 22.02.2025

Sample Description : Waste Water

Date of Receiving : 22.02.2025

Sampling Location : STP Inlet

Analysis Started on : 24.02.2025

Sample Condition : In Glass Bottle & Plastic Bottle

Analysis Completed on : 28.02.2025

Type of Sample : Industrial Waste Water

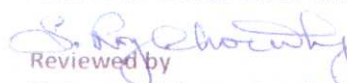
Time of Sampling : 02:10 pm

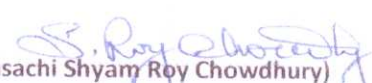
Testing Location : At Laboratory

Sampling & Preservation Method : APHA 24<sup>th</sup> EDITION, 1060

PARAMETERS	TEST METHOD	UNIT	RESULTS	LIMIT
pH	APHA 24 <sup>th</sup> EDITION, 4500-H+B	---	8.21	6.5-8.5
Total Suspended Solid(TSS)	APHA 24 <sup>th</sup> EDITION, 2540 D	mg/l	84.0	< 100.0
Chemical Oxygen Demand (COD)	APHA 24 <sup>th</sup> EDITION, 5220 B	mg/l	151.5	< 250.0
Biochemical Oxygen Demand (BOD)	IS:3025, P-44, 1993, Reaffirmed 2014	mg/l	45.0	< 30.0
Oil & Grease	APHA 24 <sup>th</sup> EDITION, 5520 A	mg/l	3.2	< 10.0
Fecal Coliform	APHA 24 <sup>th</sup> EDITION, 9221 D	MPN/100 ml	7 X 10 <sup>3</sup>	< 1000.0

Note : This treated water can be used as flushing water in the toilets

  
Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager

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

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End of the report.....

City Office : 84/10, Roy Bahadur Road, Behala, Kolkata-700 034, Ph. : 9433158173

Branch Office : Durgachak, Haldia, Purba Medinipur, Ph. : 8101647425 M.N. Sarkar Road, Mahananda Para, Siliguri-734001



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



TC-15288

## TEST REPORT OF WATER ANALYSIS

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

Sample is drawn by M/s. Greenvision

Sample submitted and identified by customer as : N.A.

U.L.R. No. : TC1528825000000089F

Report No. : GV/WW/24-25/189

Sample Ref. ID : WS-013-2025(2)

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

Report Date : 10.03.2025

Address of Customer : Mouza : Nakrajoria, P.O. + P.S. : Salanpur,  
Dist. : Paschim Bardhaman, Pin : 713357.

Date of Sampling : 22.02.2025

Sample Description : Waste Water

Date of Receiving : 22.02.2025

Sampling Location : STP Outlet

Analysis Started on : 24.02.2025

Sample Condition : In Glass Bottle & Plastic Bottle

Analysis Completed on : 28.02.2025

Type of Sample : Industrial Waste Water

Time of Sampling : 02:35 pm

Testing Location : At Laboratory

Sampling & Preservation Method : APHA 24<sup>th</sup> EDITION, 1060

PARAMETERS	TEST METHOD	UNIT	RESULTS	LIMIT
pH	APHA 24 <sup>th</sup> EDITION, 4500-H+B	---	7.58	6.5-8.5
Total Suspended Solid(TSS)	APHA 24 <sup>th</sup> EDITION, 2540 D	mg/l	21.0	< 100.0
Chemical Oxygen Demand (COD)	APHA 24 <sup>th</sup> EDITION, 5220 B	mg/l	48.5	< 250.0
Biochemical Oxygen Demand (BOD)	IS:3025, P-44, 1993, Reaffirmed 2014	mg/l	11.0	< 30.0
Oil & Grease	APHA 24 <sup>th</sup> EDITION, 5520 A	mg/l	<2.0	< 10.0
Fecal Coliform	APHA 24 <sup>th</sup> EDITION, 9221 D	MPN/100 ml	4 X 10 <sup>2</sup>	< 1000.0

Note : This treated water can be used as flushing water in the toilets

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.  
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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 M/s. Greenvision

Sample submitted and identified by customer as : N.A.

U.L.R. No. : TC1528825000000088F

Report No.	: GV/WW/24-25/188	Sample Ref. ID	: WS-013-2025(1)
Name of Customer	: M/s. Maithan Steel & Power Ltd. (Unit – II)	Report Date	: 10.03.2025
Address of Customer	: Mouza : Nakrajoria, P.O. + P.S. : Salanpur, Dist. : Paschim Bardhaman, Pin : 713357.	Date of Sampling	: 22.02.2025
Sample Description	: Waste Water	Date of Receiving	: 22.02.2025
Sampling Location	: STP Inlet	Analysis Started on	: 24.02.2025
Sample Condition	: In Glass Bottle & Plastic Bottle	Analysis Completed on	: 28.02.2025
Type of Sample	: Industrial Waste Water	Time of Sampling	: 02:10 pm
Testing Location	: At Laboratory		
Sampling & Preservation Method : APHA 24 <sup>th</sup> EDITION, 1060			

PARAMETERS	TEST METHOD	UNIT	RESULTS	LIMIT
pH	APHA 24 <sup>th</sup> EDITION, 4500-H+B	---	8.21	6.5-8.5
Total Suspended Solid(TSS)	APHA 24 <sup>th</sup> EDITION, 2540 D	mg/l	84.0	< 100.0
Chemical Oxygen Demand (COD)	APHA 24 <sup>th</sup> EDITION, 5220 B	mg/l	151.5	< 250.0
Biochemical Oxygen Demand (BOD)	IS:3025, P-44, 1993, Reaffirmed 2014	mg/l	45.0	< 30.0
Oil & Grease	APHA 24 <sup>th</sup> EDITION, 5520 A	mg/l	3.2	< 10.0
Fecal Coliform	APHA 24 <sup>th</sup> EDITION, 9221 D	MPN/100 ml	7 X 10 <sup>3</sup>	< 1000.0

Note : This treated water can be used as flushing water in the toilets

Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager

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

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TC-15288

## TEST REPORT OF WATER ANALYSIS

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

Sample is drawn by M/s. Greenvision

Sample submitted and identified by customer as : N.A.

U.L.R. No. : TC152882500000089F

Report No.	: GV/WW/24-25/189	Sample Ref. ID	: WS-013-2025(2)
Name of Customer	: M/s. Maithan Steel & Power Ltd. (Unit – II)	Report Date	: 10.03.2025
Address of Customer	: Mouza : Nakrajoria, P.O. + P.S. : Salanpur, Dist. : Paschim Bardhaman, Pin : 713357.	Date of Sampling	: 22.02.2025
Sample Description	: Waste Water	Date of Receiving	: 22.02.2025
Sampling Location	: STP Outlet	Analysis Started on	: 24.02.2025
Sample Condition	: In Glass Bottle & Plastic Bottle	Analysis Completed on	: 28.02.2025
Type of Sample	: Industrial Waste Water	Time of Sampling	: 02:35 pm
Testing Location	: At Laboratory		

Sampling & Preservation Method : APHA 24<sup>th</sup> EDITION, 1060

PARAMETERS	TEST METHOD	UNIT	RESULTS	LIMIT
pH	APHA 24 <sup>th</sup> EDITION, 4500-H+B	---	7.58	6.5-8.5
Total Suspended Solid(TSS)	APHA 24 <sup>th</sup> EDITION, 2540 D	mg/l	21.0	< 100.0
Chemical Oxygen Demand (COD)	APHA 24 <sup>th</sup> EDITION, 5220 B	mg/l	48.5	< 250.0
Biochemical Oxygen Demand (BOD)	IS:3025, P-44, 1993, Reaffirmed 2014	mg/l	11.0	< 30.0
Oil & Grease	APHA 24 <sup>th</sup> EDITION, 5520 A	mg/l	<2.0	< 10.0
Fecal Coliform	APHA 24 <sup>th</sup> EDITION, 9221 D	MPN/100 ml	4 X 10 <sup>2</sup>	< 1000.0

Note : This treated water can be used as flushing water in the toilets

Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager

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

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Rainwater Harvesting Facility





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



TC-15288

## TEST REPORT OF NOISE LEVEL MONITORING

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

Sample is drawn by : M/s. Greenvision U.L.R. No. : TC152882500000085F  
 Report No. : GV/NL/24-25/116 Sample Ref. ID : NLM-003-2025(1)  
 Name of Customer : M/s. Maithan Steel & Power Ltd. (Unit – II) Report Date : 10.03.2025  
 Address of Customer : Mouza : Nakrajoria, P.O. + P.S. : Salanpur, Date of Sampling : 22.02.2025 & 23.02.2025  
 Dist. : Paschim Bardhaman, Pin : 713357. 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 (09:30 Hrs to 10:30 Hrs.)			Night Time (01:05 Hrs. to 02:05 Hrs.)		
Max.	Min.	Leq.	Max.	Min.	Leq.
71.6	61.8	68.1	52.3	47.5	50.0

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

*S. Roy Chowdhury*  
 (Sabyasachi Shyam Roy Chowdhury)  
 Quality Manager  
 Authorised Signatory  
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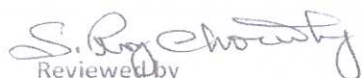
Urvashi Malhar, Phase II, MEAV-25, Bengal Ambuja Housing Complex, City Centre, Durgapur-713216  
Contact : 0343-2543019, 9732580459, 9433158173, email : greenvision.dgp@gmail.com, Website : www.greenvisiondurgapur.com

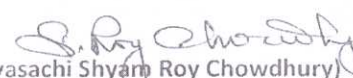
## TEST REPORT OF NOISE LEVEL MONITORING

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

Sample is drawn by : M/s. Greenvision U.L.R. No. : TC1528825000000086F  
Report No. : GV/NL/24-25/117 Sample Ref. ID : NLM-003-2025(2)  
Name of Customer : M/s. Maithan Steel & Power Ltd. (Unit – II) Report Date : 10.03.2025  
Address of Customer : Mouza : Nakraoria, P.O. + P.S. : Salanpur, Date of Sampling : 22.02.2025 & 23.02.2025  
Dist. : Paschim Bardhaman, Pin : 713357.  
Sample Description : Noise Level Total Time : 1 Hr.  
Sampling Location : Salanpur 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 (10:08 Hrs to 11:08 Hrs.)			Night Time (23:35 Hrs. to 00:35 Hrs.)		
Max.	Min.	Leq.	Max.	Min.	Leq.
53.3	48.6	50.8	43.5	39.2	40.9

  
Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager

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

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TC-15288

## TEST REPORT OF NOISE LEVEL MONITORING

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

Sample is drawn by : M/s. Greenvision

U.L.R. No. : TC152882500000087F

Report No. : GV/NL/24-25/118

Sample Ref. ID : NLM-003-2025(3)

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

Report Date : 10.03.2025

Address of Customer : Mouza : Nakrajoria, P.O. + P.S. : Salanpur,  
Dist. : Paschim Bardhaman, Pin : 713357.

Date of Sampling : 22.02.2025

Sample Description : Noise Level

Total Time : 1 Hr.

Sampling Location : Dendua Village

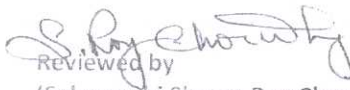
Sampling Method : IS : 9989 :1981

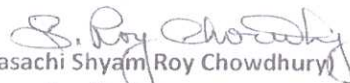
Noise Level Limit : Day Time : 55 dB(A), Night Time : 45 dB(A)  
{ Source : The Noise Pollution (Regulation and Control) Rules, 2000 }

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 (12:10 Hrs to 13:10 Hrs.)			Night Time (22:02 Hrs. to 23:02 Hrs.)		
Max.	Min.	Leq.	Max.	Min.	Leq.
54.2	48.6	50.9	44.4	40.2	41.5

  
Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager

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

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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

U.L.R. No. : TC1528825000000102F

Sample is drawn by : M/s. Greenvision  
Report No. : GV/NL/24-25/119  
Name of Customer : M/s. Maithan Steel & Power Ltd. (Unit – II)  
Address of Customer : Mouza : Nakraoria, P.O. + P.S. : Salanpur,  
Dist. : Paschim Bardhaman, Pin : 713357.  
Sample Description : Noise Level  
Sampling Location : Nakraoria Village  
Noise Level Limit : Day Time : 55 dB(A), Night Time : 45 dB(A)  
{ Source : The Noise Pollution (Regulation and Control) Rules, 2000 }

Sample Ref. ID : NLM-004-2025(1)  
Report Date : 10.03.2025  
Date of Sampling : 24.02.2025  
Total Time : 1 Hr.  
Sampling Method : IS : 9989 :1981

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 (10:12 Hrs to 11:12 Hrs.)			Night Time (22:30 Hrs. to 23:30 Hrs.)		
Max.	Min.	Leq.	Max.	Min.	Leq.
54.3	47.6	51.0	44.8	40.5	42.1

*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

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End of the report.....

City Office : 84/10, Roy Bahadur Road, Behala, Kolkata-700 034, Ph. : 9433158173  
Branch Office : Durgachak, Haldia, Purba Medinipur, Ph. : 8101647425 M.N. Sarkar Road, Mahananda Para, Siliguri-734001



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TC-15288

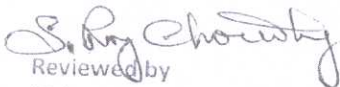
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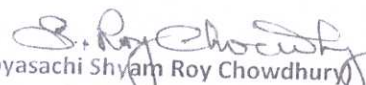
FORMAT NO. : GV/LAB/FM/33N

Sample is drawn by : M/s. Greenvision  
Report No. : GV/NL/24-25/120  
Name of Customer : M/s. Maithan Steel & Power Ltd. (Unit – II)  
Address of Customer : Mouza : Nakrajoria, P.O. + P.S. : Salanpur,  
Dist. : Paschim Bardhaman, Pin : 713357.  
Sample Description : Noise Level (24 Hrs.)  
Sampling Location : Dendua Village  
Monitoring Details : Distance from Object : 3.0 Mtr.  
Height from the Ground : 1.5 Mtr.

U.L.R. No. : TC1528825000000103F  
Sample Ref. ID : NLM-004-2025(2)  
Report Date : 10.03.2025  
Date of Sampling : 24.02.2025 &  
25.02.2025  
Total Time : 24 Hr.  
Sampling Method : IS : 9989 :1981

Time	Lmax dB (A)	Lmin dB (A)	Leq dB (A)
08:25 hrs. to 09:25 hrs.	51.6	50.2	50.9
09:25 hrs. to 10:25 hrs.	52.3	51.6	52.1
10:25 hrs. to 11:25 hrs.	53.3	50.8	52.8
11:25 hrs. to 12:25 hrs.	50.8	48.7	50.4
12:25 hrs. to 13:25 hrs.	53.6	51.3	53.0
13:25 hrs. to 14:25 hrs.	51.8	50.5	51.3
14:25 hrs. to 15:25 hrs.	52.9	49.6	51.1
15:25 hrs. to 16:25 hrs.	49.5	46.7	48.7
16:25 hrs. to 17:25 hrs.	48.7	45.4	47.8
17:25 hrs. to 18:25 hrs.	54.3	51.3	53.7
18:25 hrs. to 19:25 hrs.	53.9	50.4	52.9
19:25 hrs. to 20:25 hrs.	51.8	49.6	51.5
20:25 hrs. to 21:25 hrs.	53.2	50.5	51.8
21:25 hrs. to 22:25 hrs.	52.6	47.8	49.6
22:25 hrs. to 23:25 hrs.	50.2	46.9	49.6
23:25 hrs. to 00:25 hrs.	48.7	44.8	47.8
00:25 hrs. to 01:25 hrs.	49.5	45.3	48.5
01:25 hrs. to 02:25 hrs.	46.3	42.9	45.4
02:25 hrs. to 03:25 hrs.	44.3	41.6	43.6
03:25 hrs. to 04:25 hrs.	43.8	40.5	43.0
04:25 hrs. to 05:25 hrs.	42.6	41.3	42.7
05:25 hrs. to 06:25 hrs.	44.5	40.5	43.2
06:25 hrs. to 07:25 hrs.	45.2	42.3	44.8
07:25 hrs. to 08:25 hrs.	48.6	43.5	47.0

  
Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager

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

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TC-15288

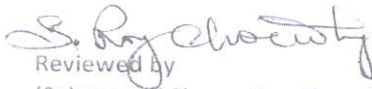
## TEST REPORT OF NOISE LEVEL MONITORING


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

Sample is drawn by : M/s. Greenvision  
Report No. : GV/NL/24-25/121  
Name of Customer : M/s. Maithan Steel & Power Ltd. (Unit – II)  
Address of Customer : Mouza : Nakrajoria, P.O. + P.S. : Salanpur,  
Dist. : Paschim Bardhaman, Pin : 713357.  
Sample Description : Noise Level (24 Hrs.)  
Sampling Location : Near Plant Main Gate  
Monitoring Details : Distance from Object : 3.0 Mtr.  
Height from the Ground : 1.5 Mtr.

U.L.R. No. : TC1528825000000104F  
Sample Ref. ID : NLM-004-2025(3)  
Report Date : 10.03.2025  
Date of Sampling : 24.02.2025 &  
25.02.2025  
Total Time : 24 Hr.  
Sampling Method : IS : 9989 :1981

Time	Lmax dB (A)	Lmin dB (A)	Leq dB (A)
09:20 hrs. to 10:20 hrs.	54.3	51.6	53.7
10:20 hrs. to 11:20 hrs.	52.5	50.2	52.2
11:20 hrs. to 12:20 hrs.	56.7	53.3	55.8
12:20 hrs. to 13:20 hrs.	55.4	52.5	54.7
13:20 hrs. to 14:20 hrs.	58.2	54.6	57.3
14:20 hrs. to 15:20 hrs.	55.4	52.9	54.9
15:20 hrs. to 16:20 hrs.	53.3	51.6	53.0
16:20 hrs. to 17:20 hrs.	54.8	52.3	54.3
17:20 hrs. to 18:20 hrs.	56.7	54.1	56.2
18:20 hrs. to 19:20 hrs.	58.2	56.9	58.1
19:20 hrs. to 20:20 hrs.	59.6	57.2	59.1
20:20 hrs. to 21:20 hrs.	54.8	51.8	54.2
21:20 hrs. to 22:20 hrs.	51.3	50.2	50.9
22:20 hrs. to 23:20 hrs.	50.5	47.6	49.7
23:20 hrs. to 00:20 hrs.	49.5	45.4	48.2
00:20 hrs. to 01:20 hrs.	48.7	46.2	48.3
01:20 hrs. to 02:20 hrs.	47.2	44.3	46.6
02:20 hrs. to 03:20 hrs.	45.4	42.9	45.0
03:20 hrs. to 04:20 hrs.	43.2	40.5	42.5
04:20 hrs. to 05:20 hrs.	42.9	40.2	42.3
05:20 hrs. to 06:20 hrs.	44.3	41.3	43.6
06:20 hrs. to 07:20 hrs.	48.5	44.6	47.2
07:20 hrs. to 08:20 hrs.	51.3	48.2	50.2
08:20 hrs. to 09:20 hrs.	52.3	49.5	51.7

  
Reviewed by  
(Sabyasachi Shyam Roy Chowdhury)  
Quality Manager

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

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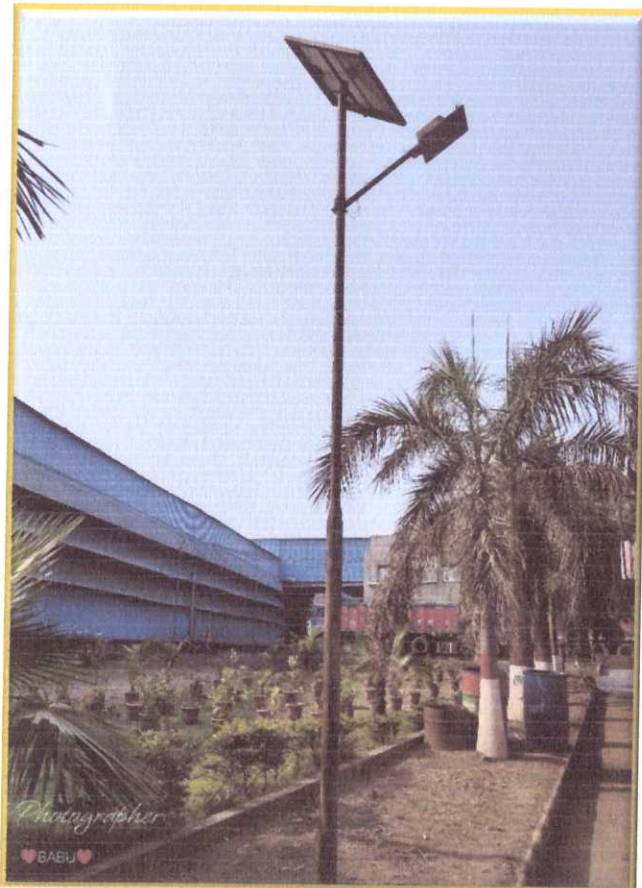
End of the report.....

City Office : 84/10, Roy Bahadur Road, Behala, Kolkata-700 034, Ph. : 9433158173  
Branch Office : Durgachak, Haldia, Purba Medinipur, Ph. : 8101647425 M.N. Sarkar Road, Mahananda Para, Siliguri-734001

## Solar Panel installed at Roof Top



## SOLAR LIGHTS





FROM 10

1st Copy

## WEST BENGAL WASTE MANAGEMENT LIMITED

Vill. : Pabayan, P. S. : Saltora, Dist. : Bankura, Pin : 722 158, West Bengal.

## MANIFEST FOR HAZARDOUS AND OTHER WASTE

1	Sender's name and mailing address (including Phone No. and e-mail) :	M/S MAITHAN STEEL & POWER Ltd (Unit-II)			
2	Sender's authorization No. :				
3	Manifest Document No. :	1 1904			
4	Transporter's name and address (including Phone No. and e-mail)	West Bengal Waste Management Limited Vill. : Pabayan, P. S. : Saltora, Dist. : Bankura, Pin : 722 158 Mobile : 9002983363/7477796110 E-mail : wbwml.saltora@resustainability.com			
5	Type of vehicle :	(Truck/Tanker/Special Vehicle)			
6	Transporter's registration No. :	1-MD(E)/X/06			
7	Vehicle registration No. :	WB-31N0098			
8	Receiver's name and mailing address (including Phone No. and e-mail)	West Bengal Waste Management Limited Vill. : Pabayan, P. S. : Saltora, Dist. : Bankura, Pin : 722 158 Mobile : 9002983363/7477796110 E-mail : wbwml.saltora@resustainability.com			
9	Receiver's authorization No. :	34/2S (HW) - 4531 / 2022			
10	Waste description :	Waste oil			
11	Total quantity No of Containers :	1000 KG .....m3 or MT .....Nos.			
12	Physical form :	(Solid/Semi-Solid/Sludge/Oily/Tarry/Slurry/Liquid)			
13	Special handling instructions and additional information :				
14	Sender's Certificate	I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping categorized, packed, marked and name and are labeled and are in all respects in proper conditions for transport by road according to applicable National Government Regulations.			
	Name and Stamp	Signature	Day	Month	Year
			3	1	03 2025
15	Transporter's acknowledgment of receipt of Wastes :				
	Name and Stamp	Signature	Day	Month	Year
			3	1	03 2025
16	Receiver's certificate for receipt hazardous and other wastes :				
	Name and Stamp	Signature	Day	Month	Year
			3	1	03 2025

1. White Colour forwarded to WPCB by HzW Sender.

3. Pink Colour retained by HzW Receiver.

5. Green Colour forwarded to WPCB after disposal by HzW Receiver.

7. Grey Colour returned to SPCB of the HzW Sender (in case the Sender is in another Site) by HzW Receiver.

2. Yellow Colour retained by HzW sender.

4. Orange Colour retained by transporter.


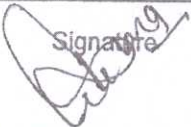

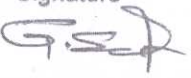

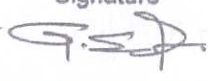
6. Blue Colour returned to sender after disposal by HzW Receiver.



## WEST BENGAL WASTE MANAGEMENT LIMITED

Vill. : Pabayan, P. S. : Saltora, Dist. : Bankura, Pin : 722 158, West Bengal.

## MANIFEST FOR HAZARDOUS AND OTHER WASTE

1	Sender's name and mailing address (including Phone No. and e-mail) :	M/S MAITHAN STEEL & POWER Ltd (Unit - II)			
2	Sender's authorization No. :				
3	Manifest Document No. :	1 1905			
4	Transporter's name and address (including Phone No. and e-mail)	West Bengal Waste Management Limited Vill. : Pabayan, P. S. : Saltora, Dist. : Bankura, Pin : 722 158 Mobile : 9002983363/7477796110 E-mail : wbwml.saltora@resustainability.com			
5	Type of vehicle :	(Truck/Tanker/Special Vehicle)			
6	Transporter's registration No. :	1-MD(E)/X/06			
7	Vehicle registration No. :	WB31N-0098			
8	Receiver's name and mailing address (including Phone No. and e-mail)	West Bengal Waste Management Limited Vill. : Pabayan, P. S. : Saltora, Dist. : Bankura, Pin : 722 158 Mobile : 9002983363/7477796110 E-mail : wbwml.saltora@resustainability.com			
9	Receiver's authorization No. :	34/2S (HW)-4531/2022			
10	Waste description :	Cotton Waste.			
11	Total quantity No of Containers :	100 KG. ....m3 or MT .....Nos.			
12	Physical form :	(Solid/Semi-Solid/Sludge/Oily/Tarry/Slurry/Liquid)			
13	Special handling instructions and additional information :				
14	Sender's Certificate	I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping categorized, packed, marked and name and are labeled and are in all respects in proper conditions for transport by road according to applicable National Government Regulations.			
	Name and Stamp	Signature	Day	Month	Year
			3	1	03 2025
15	Transporter acknowledgement of receipt of Wastes :				
	Name and Stamp	Signature	Day	Month	Year
			3	1	03 2025
16	Receiver's certificate for receipt hazardous and other wastes :				
	Name and Stamp	Signature	Day	Month	Year
			3	1	03 2025

1. White Colour forwarded to WBPCB by HzW Sender.

3. Pink Colour retained by HzW Receiver.

5. Green Colour forwarded to WBPCB after disposal by HzW Receiver.

7. Grey Colour returned to SPCB of the HzW Sender (In case the Sender is in another Site) by HzW Receiver.

2. Yellow Colour retained by HzW sender.

4. Orange Colour retained by transporter.

6. Blue Colour returned to sender after disposal by HzW Receiver.





**Government of West Bengal**  
**Directorate of Forests**  
**Office of the Divisional Forest Officer, Durgapur Division**  
**Aranyapally, Shashtri Avenue, Durgapur-12**  
**E-mail- [dfodur-wb@nic.in](mailto:dfodur-wb@nic.in)**  
**Office Tel. / FAX- 0343-2999651**



Memo No. 4446 / 2-50(A)

Dated, Durgapur, The 17/01/2025


- To :: The Authorised Signatory  
 Maithan Steel & Power Limited  
 Works: Unit -II, Chittaranjan Road,  
 Dendua More, PO- & PS-Salanpur,  
 Dist-Paschim Bardhaman, PIN- 713357
- Sub. :: Green Belt Certificate of Maithan Steel & Power Limited- Reg.
- Ref. :: 1. Your office letter No. 'NIL', Dated. 03.05.2024 & Dt. 15.01.2025.  
 2. Range Officer, Asansol (T)'s letter No. 657/AL-08, Dt. 27.08.2024.  
 3. Point No. 03 of MoEF&CC Memo No. 102-618/18/EPE, Dt. 04.03.2024.  
 4. This office letter No. 3805/2-50(A), Dt. 06.12.2024.

\*\*\*\*\*

With reference to the subject mentioned above, this is to inform you that 62383.91 sq. mtr. Green Cover Area found as per joint inspection report of the Range Officer, Asansol (T) Range, Assistant Environmental Engineer of WBPCB, Asansol Regional Office, Assistant Divisional Forest Officer, Durgapur Division & Range Officer, Ukhra Range which was conducted in your presence on 29.05.2024.

You are also requested to protect the wildlife in your factory premises and surrounding areas.

This is for your information and taking necessary action.

  
 Divisional Forest Officer  
 Durgapur Division

Memo No. 4446(4) / 2-50(A)

Dated, Durgapur, The 17/01/2025

Copy Forwarded for kind information to:

1. The Assistant Divisional Forest Officer, Durgapur Division.
2. The Environmental Engineer, Asansol Regional Office. In reference to his letter No. 400-WPBA/Cont/273/R/BWN/2023, Dt. 20.05.2024.
3. The Range Officer, Ukhra Range.
4. The Range Officer, Asansol (T) Range in reference to his letter no. 657/AL-08, Dt. 27.08.2024.

  
 Divisional Forest Officer  
 Durgapur Division

**MAITHAN STEEL & POWER LIMITED - Unit-II**  
**Vill - Nakrajoria, P.O & P.S – Salanpur, Dist- Paschim Bardhaman**  
**Plantation done upto March-2025**

SL. NO.	PLANTATION NAME	SCIENTIFIC NAME	TOTAL NUMBER
1	Conocarpus	CONOCARPUS ERECTUS	4198
2	Sonajhuri	EARLEAF	279
3	Chatim	ALOSTONIA SCHOLARIS	337
4	Foxtail palm	WODYETIA BIFURCTA	35
5	Legerstromia	CRAPE MYRTLE	196
6	Seesham	DALBERGIA SISOO	340
7	Mehogani	SWIETENIA MEHAGONI	927
8	Kadam	NEOLAMARICKIA CADAMBA	70
9	Mango	MANGIFERA INDICA	206
10	Guava	PSIDIUM GUAJAVA L.	22
11	Moulasari	MIMUSOPS ELENGI	61
12	Simul	BOMBAX	1
13	Sagwan	TECTONA GRANDIS	178
14	Bottle palm	HYOPHORBE LAGENICAILIS	137
15	Coconut	COCOS NUCIFERA	12
16	Bamboo	BAMBUSA VULGARIS	120
17	Radhachura	PELTOPHORUM PTEROCARPUM	907
18	Arjun	TERMINALIA ARJUNA	330
19	BOT	FICUS BENGHALENSIS	88
20	Neem	AZADIRACHTA INDICA	293
21	Kamini	MURRAYA PANICULATA	3110
22	Siris	ALBIZIA LEBBECK	20
23	Terminalia	TERMINALIA CATAPPA	10
24	Almond	PRUNUS DULCIS	5
25	Peepal	FICUS RELIGIOSA	80
26	Teccoma	TECOMA STANS	70
27	Polandi	MELALEUCA POLANDII	62
28	Puruse	SALIX TETRASPERMA	20
29	Karbi	NERIUM OLEANDER	8
30	Tabebuia	TABEBUIA ROSEA	216
31	Spathodea	spathodea campanulata	185
32	Bougainvillea glabra	BOUGAINVILLEA GLABRA	2
33	Ficus starlite	FICUS BENJAMINA STARLIGHT	42
34	Guluncha	TINOSPORA	3
35	Java	HOMO ERECTUS	20
36	Jhao	TAMARIX DIOICA	2
37	Arica palm	DYPSIS LUTESCENS	22
38	Raphish palm	RHAPIS EXCELSA	4
39	Cicus		1
40	Putchorian		1



41	Jamun	SYZYGium CUMINI	10
42	Kaju	ANACARDIUM OCCIDENTALE	5
43	Phycus banjemina	FICUS BANJEMINA	7
44	Phycus panda	FICUS BANJEMINA	7
45	Drafted umbrella tree	SCHEFFLERA ARBORICOLA	9
46	Victoria	VICTORIA AMAZONICA	2
47	Licchi	LITCHI CHINENSIS	20
48	Jarul	LAGERSTROEMIA SPECIOSA	15
49	Washingtania palm	WASHIGTONIA ROBUSTA	3
50	Marigold	TAGETES ERECTA	390
51	Salvia	SALVIA OFFICINAILS	70
52	Cosmos	COSMOS BIPINNATUS	30
53	Aster	ASTER AMELLUS	36
54	Calendula	CALENDULA OFFICINAILS	30
55	Dalia	DAHLIA PINNATA	20
56	Selocia	CELOSIA ARGENTEA	20
57	Penji petunia	PETUNIA X HYBRIDA	80
58	Antinum		8
59	Bakul		150
60	Krishnachura	DELONIX REGIA	250
61	Papaya	Carica papaya	20
62	Kadi patta	Murraya koenigii	34
63	Kathel H.B	Artocarpus heterophyllus	10
64	Magna	Crateva magna (Lour.) DC	20
65	Juhi	Jasminum auriculatum	2
66	Akalips		5
67	V fices	Ficus carica	2
68	Laropitem		2
69	Bhutan Malli	Jasminum multiflorum	2
70	Udbox		2
71	Patol	Trichosanthes dioica	1
72	Ficas Gradabye		1
73	Ficas plant		7
74	Kuki	Araucaria heterophylla	2
75	Fomise Bige		4
76	Rubber plant	Ficus elastica	2
77	Ticoma		6
78	Tubi	Tubipora musica	4
79	Cortoon		2
80	Arca	Areca palm	4
81	China Bot	Ficus microcarpa	2
82	V.Ticoma		2
83	Madhabi	Hiptage benghalensis	2
84	T.Kamini	Murraya paniculata	2
85	Son of india	Dracaena reflexa	2
86	Tages	Tagetes	3
TOTAL PLANTATION NUMBER			13927

# DE-CARBONISATION PROGRAM

**FOR**



**M/s Maithan Steel & Power Ltd**

**At  
Nakrajoria, Tehsil Salanpur,  
Dist. Paschim Bardhaman,  
West Bengal**

**Prepared by**



**J.M. EnviroNet Pvt. Ltd.**

Entazr Digital Greens, Tower - B, Unit No. 1517,  
Golf Course Ext. Road, Sector - 61, Gurugram (Haryana) - 122 011

**Date of Site visit: 14th-15th, May 2024**







# JM. ENVIRONet Pvt. Ltd

CIN No.: U45201RJ1993PTC0074

## PREFACE

As per the EC condition VII (ii), "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", an audit for preparation of decarbonization plan was conducted by the experts from JM EnviroNet Pvt. Ltd on 14<sup>th</sup> and 15<sup>th</sup> of May, 2024.

Environmental Auditor	JM EnviroNet Pvt. Ltd.
Client	M/s Maithan Steel & Power Ltd.(MSPL) At Nakraoria, PS- Salanpur, Dist:-Burdwan(W), V-3
Report compiled by	JM EnviroNet Pvt. Ltd. Unit 1517, 15th Floor, Tower B, Emaar Digital Greens, Sector 61, Gurgaon, Haryana
Audit date	14 <sup>th</sup> and 15 <sup>th</sup> of May, 2024

### Regd. Office

Labour Centre, 403, 4<sup>th</sup> Floor,  
B2 Bye pass, Tonk Road, Jaipur-302018 (Rajasthan) India  
E-mail: jmenviron@hotmail.com www.jmenvironet.org

### Corporate Office

Emaar Digital Greens, Tower B,  
Unit No.1517, Golf Course Ext. Road,  
Sector-61, Gurugram-122011 (Haryana) India

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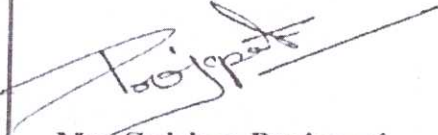
# MAITHAN STEEL & POWER LIMITED

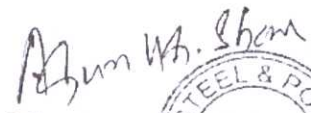

Chittaranjan Road, P.O. & P.S.: Salanpur - 713357, Dist.-Paschim Bardhaman (WB)

## HAZARD IDENTIFICATION AND RISK ASSESSMENT (HIRA)

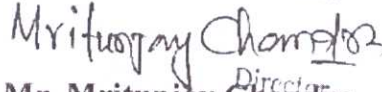
Prepared By

Checked By

  
Mr. Gulshan Prajapati  
Safety Officer-HSE

  
Mr. Arun Kumar Shom  
Manager - Administration  


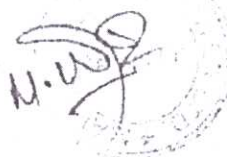
Initiated By  
Maithan Steel & Power Ltd.

  
Mr. Mritunjoy Chandra  
Director

Director

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A handwritten signature in black ink is written over a circular official stamp. The signature appears to be 'H. V. S.' followed by a flourish. The stamp is partially obscured by the signature.





**MAITHAN STEEL & POWER LIMITED**  
Chittaranjan Road, P.O. & P.S.: Salanpur - 713357, Dist.-Paschim Bardhaman (WB)

**Heat Stress Analysis Report**

Date : 24.09.2024

SL NO.	NAME	Date of Birth (DD/MM/YY)	DESIGNATION	DEPARTMENT	SEX (M/F)	WEIGHT (Kgs.)	HEIGHT (ft.)	BMI TYPE	Blood Group	Chest	Pulse Rate Before (BP/M)	Pulse Rate After (BP/M)	Raise in Pulse Rate	Body Temp. Before in Work area	Body temp. After in Work Area	Rise in core body Temp	Blood Pressure Before (mm/hg)	Blood Pressure After (mm/hg)	Raise in blood pressure (mm/hg)	Respiration Time	SPO2 LIVE L (%)	Anemia	Result (Fit/Unfit)	Remarks
1	Dharmender Kumar	13.09.1989	Sr Fitter	SMS_1	M	69	5.6	NORMAL	B+	Clear	92	96	4	97	97.2	0.2	120/80	120/80	0/0	14	98%	Nil	Fit	
2	Anubhay Kumar	01.02.1996	Jr. Engineer	SMS_2	M	69	5.8	NORMAL	O+	Clear	83	94	11	97.1	96.3	-0.8	115/75	120/80	5/5	14	98%	Nil	Fit	
3	Shyam Kumar	12.03.1997	Jr. Fitter	SMS_2	M	54	5.6	NORMAL		Clear	76	94	18	95.8	97.1	1.3	120/80	120/80	0/0	14	98%	Nil	Fit	
4	Gaddu Kumar Yadav	10.03.1991	Welder	SMS_2	M	61	5.5	NORMAL	A+	Clear	70	95	25	99	96	-3	100/68	110/70	10/2	14	98%	Nil	Fit	Low BP
5	Partha Mahato	02.04.1991	Helper	SMS_1	M	52	5.5	NORMAL	O+	Clear	86	90	4	94.8	98.2	3.4	120/80	120/80	0/0	14	95%	Nil	Fit	
6	Sahab Deen Mansuri	20.10.1995	Helper	SMS_1	M	79	5.8	OVER WEIGHT	O+	Clear	76	92	16	96.4	97.8	1.4	110/76	117/78	7/2	14	97%	Nil	Fit	
7	Birender Kumar Raj	25.12.1982	Welder	SMS_1	M	75	5.4	OVER WEIGHT	O+	Clear	70	85	15	97.6	98	0.4	120/78	120/80	0/0	14	98%	Nil	Fit	
8	Saikat Samanta	22.05.1998	Engineer(Mech.)	SMS_2	M	74	5.7	NORMAL	A+	Clear	80	86	6	94.7	97.1	2.4	116/76	118/76	2/0	14	99%	Nil	Fit	
9	Md Asht Rayeen	14.02.2000	Welder	SMS_2	M	59	5.4	NORMAL		Clear	87	88	1	98.6	97.3	-1.3	120/80	118/80	-2/0	14	99%	Nil	Fit	
10	Chandrama Yadav	01.01.2001	Helper	SMS_2	M	62	5.5	NORMAL		Clear	86	88	2	95.1	96.2	1.1	118/78	120/82	2/4	14	98%	Nil	Fit	
11	Vijay Shankar	15.10.1990	Fitter	SMS_1	M	70	5.5	NORMAL	AB+	Clear	87	91	4	97.1	99.1	2	120/81	120/81	0/0	14	98%	Nil	Fit	

**Dr. M. P. PASWAN**  
GENERAL PHYSICIAN & SURGEON  
DIABETES ADVISER  
Regn. No.-30228 BMCR

**DR. R. K. SHARMA**  
Regd. Medical Practitioner  
Regd. No. - 5415

## Heat Stress Analysis Report

Date : 24.09.2024

27	Amab Tiwary	03.04.1993	Junior Engineer	SMS_1	M	72	5.6	NORMAL	A+	Clear	82	88	6	95.8	99	3.2	118/78	120/78	2/0	14	98%	Nil	Fit	
28	Sanjay Kumar Jha	12.10.1974	Assistant Engineer	SMS_1	M	58	5.4	NORMAL	B+	Mild cough	83	90	7	96.2	98.6	2.4	116/78	118/78	2/0	16	97%	Nil	Fit	
29	Prem Chand Kumar	12.02.1991	Jr. Fitter	SMS_2	M	68	5.2	OVER WEIGHT	O+	Clear	73	83	12	95.8	97.2	1.4	120/80	118/78	-2/-2	14	95%	Nil	Fit	
30	Sajal Ray	01.05.1994	Welder	SMS_2	M	48	5.6	UNDER WEIGHT		Clear	87	90	3	95.1	97.2	2.1	110/70	110/68	0/-2	14	95%	Nil	Fit	Low BP
31	Nikhil Roy	01.08.1985	Welder	SMS_2	M	58	5.7	NORMAL	A+	Clear	66	70	4	94.8	96.3	1.5	110/70	118/78	8/8	14	98%	Nil	Fit	Low BP
32	Uday Prakash Sharma	20.04.1993	Trainer Tech.	SMS_1	M	58	5.5	NORMAL	O+	Clear	92	94	2	97.8	97.1	-0.7	110/75	118/76	8/1	14	99%	Nil	Fit	
33	Kiran Sarkar	01.02.1975	Welder	SMS_2	M	78	5.7	OVER WEIGHT	O+	Clear	91	92	1	97.3	99.3	2	120/80	120/80	0/0	14	98%	Nil	Fit	
34	Raju Kumar Viswakarma	10.02.1995	Turner	SMS_1	M	69	5.5	NORMAL		Clear	71	72	1	97.3	97.3	0	114/75	118/75	4/0	14	99%	Nil	Fit	
35	Goutam Kumar	01.01.1990	Sr. Fitter	SMS_1	M	76	5.8	NORMAL	A-	Clear	80	84	4	95.6	99	3.4	120/80	122/82	2/2	14	98%	Nil	Fit	
36	Manas Dutta	29.07.1988	Jr. Fitter	SMS_1	M	64	5.7	NORMAL	B+	Clear	83	84	1	98.2	96.2	-2	110/70	117/76	7/6	14	97%	Nil	Fit	Low BP
37	Niraj Kumar	02.02.2002	Helper	Rolling Mill_2	M	66	5.11	OVER WEIGHT	A+	Clear	70	79	9	96.5	96.7	0.2	116/78	118/78	2/0	14	95%	Nil	Fit	Cont-Manoj Yadav.
38	Biswa Mohon Singh	2/10/1986	Shift Incharge	Rolling Mill-2	M	73	5.3	OVER WEIGHT	O+	Clear	86	94	8	95.8	97.8	2	120/80	120/80	0/0	14	98%	Nil	Fit	
39	Akhay Dutta	15.04.1996	AC Technician helper	Electrical	M	48	5.8	UNDER WEIGHT		Clear	91	92	1	96.5	96.5	0	110/70	110/70	0/0	14	98%	Nil	Fit	Cont-Binod Ram.
40	Ashok Das	14.06.1981	Shift Incharge	Rolling Mill-1	M	60	5.5	NORMAL	O+	Clear	85	88	3	96.3	96.7	0.4	116/78	118/78	2/0	14	98%	Nil	Fit	
41	Dinesh Mondal	15.02.1995	Asst. Engineer	Rolling Mill-1	M	74	5.8	NORMAL	B+	Clear	65	70	5	96.1	96.1	0	120/80	122/80	2/0	14	98%	Nil	Fit	

Dr. M. P. BASWAN  
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DIABETES ADVISER  
Regd. No. 30228 BMCR

DR. V. S. SHARMA  
Regd. Medical Practitioner  
Regd. No. -5415



## Heat Stress Analysis Report

Date : 24.09.2024

57	Tanmay Rudra	24.07.1995	DET	Rolling Mill_1	M	64	5.8	NORMAL	O+	Clear	88	94	6	97.2	98	0.8	118/76	120/78	2/2	14	95%	Nil	Fit	
58	Somnath Das	05.05.1998	Sr. Engineer	SMS_1	M	80	5.7	OVER WEIGHT	O+	Clear	94	96	2	97.3	96	-1.3	118/76	120/78	2/2	14	97%	Nil	Fit	
59	Dhanraj Kumar Ray	23.02.1998	Fitter	SMS_2	M	50	5.2	NORMAL		Clear	80	88	8	97.6	98.5	0.9	110/70	118/76	8/6	14	98%	Nil	Fit	Low BP
60	Sadan Kumar Mahato	04.01.1973	Sr. Fitter	SMS_2	M	68	5.6	NORMAL	O+	Clear	78	80	2	94.3	95	0.7	115/78	118/78	3/0	14	97%	Nil	Fit	
61	Jaypratap Singh	02.02.1989	Welder	SMS_2	M	68	5.3	OVER WEIGHT	B+	Clear	107	96	-11	94.9	99.2	4.3	120/80	120/80	0/0	14	97%	Nil	Fit	
61	Aslam Ahsari	05.05.1980	Sr. Fitter	SMS_2	M	61	5.2	NORMAL	A+	Clear	81	84	3	96.7	95.1	-1.6	120/80	120/80	0/0	14	98%	Nil	Fit	
61	Aru Kumar Yadav	06.10.1997	Jr. Fitter	SMS_2	M	64	5.1	OVER WEIGHT	AB+	Clear	72	80	8	94.1	94.8	0.7	118/76	120/80	2/4	14	99%	Nil	Fit	
67	Indrajit Banerjee	03.03.2001	DET	Rolling Mill_1	M	56	5.5	NORMAL	O+	Clear	74	92	18	95	98.2	3.2	115/75	120/80	5/5	14	99%	Nil	Fit	
68	Satrudhan Kumar Singh	13.06.1984	Pulpit Operator	Rolling Mill_1	M	57	5	NORMAL	O+	Clear	79	80	1	97.3	95.1	-2.2	122/82	118/78	-4/-4	14	98%	Nil	Fit	
69	Chittaranjan Gorai	26.02.2001	DET	Rolling Mill_1	M	49	5.3	NORMAL	O+	Clear	84	95	11	95.6	94.8	-0.8	115/75	118/76	3/1	14	9600%	Nil	Fit	
70	Subhendu Ghosh	28.09.1995	Asst. Engineer	SMS_1	M	48	5.2	NORMAL	A+	Clear	74	94	20	98.2	97.8	-0.4	115/75	118/78	3/3	14	98%	Nil	Fit	
71	Bajrangi Kumar	01.01.2005	Helper	Rolling Mill_2	M	53	5.3	NORMAL	AB+	Clear	78	86	8	94.5	99.1	4.6	118/78	122/80	4/2	14	98%	Nil	Fit	
72	Mahesh Kumar	12.10.1996	Jr. Fitter	Rolling Mill_2	M	51	5.1	NORMAL	AB+	Clear	76	80	4	95.3	97.6	2.3	115/76	119/78	4/2	14	97%	Nil	Fit	
73	Umesh kumar Sharma	01.02.1990	Fitter	Rolling Mill_2	M	56	5.3	NORMAL	O+	Clear	94	94					120/80		0/0	14	99%	Nil	Fit	
74	Rajesh Sharma	10.03.1991	Fitter	Rolling Mill_2	M	56	5.3	NORMAL	O+	Clear	84	87	3	96	97.5	1.5	118/80	120/80	2/0	14	99%	Nil	Fit	

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Regd. No. - 5415

## Heat Stress Analysis Report

Date : 24.09.2024

105	Bipin Kumar	01.06.1999	Roll Assembly Fitter	Rolling Mill	M	66	5.5	NORMAL	B+	Clear	81	88	7	97.3	96.5	-0.8	120/80	120/80	0/0	14	98%	Nil	Fit	
106	Chandan Kumar Yadav	16.04.1996	Fitter	Rolling Mill	M	53	5.7	UNDER WEIGHT	A+	Clear	81	86	5	99.1	98.6	-0.5	116/76	118/78	2/2	14	99%	Nil	Fit	
107	Swapn Routh	01.01.1983	Operation	Rolling Mill	M	56	5.4	NORMAL	O+	Clear	61	78	17	93.8	98.1	2.3	118/78	120/80	2/2	14	98%	Nil	Fit	
108	Dinesh Kumar	02.03.1999	Fitter	SMS_2	M	46	5.3	UNDER WEIGHT		Clear	62	72	10	94.6	96.7	2.1	100/60	106/65	6/5	14	95%	Anemia	UnFit	Low BP
109	Bholu Bhuiya	6/12/1905	Helper	SMS_2	M	46	5.3	UNDER WEIGHT		Clear	62	85	23	93.8	98.2	2.4	100/60	108/60	8/0	14	95%	Nil	Fit	Low BP
110	Raju Kumar	15.01.1987	Turner	Workshop	M	55	5.3	NORMAL	B+	Clear	68	76	8	96.4	97	0.6	110/75	110/76	0/1	14	98%	Nil	Fit	
111	Santi Dhara	12.10.1987	Supervisor	MIS	M	63	5.3	NORMAL	B+	Clear	86	94	8	97.6	98.4	0.8	120/80	120/80	0/0	14	96%	Nil	Fit	
112	Rahul Layek	13.06.1999	GET	Rolling Mill	M	69	5.7	NORMAL	B+	Clear	90	94	4	96	97	1	120/80	120/80	0/0	14	98%	Nil	Fit	
113	Ajay Shah	20.02.1987	Fitter	Rolling Mill	M	69	5.7	NORMAL	B+	Clear	67	77	10	97.3	97.8	0.5	110/70	116/76	6/6	14	95%	Nil	Fit	Low BP
114	Kamal Yadav	17.11.1985	Fitter	Pharma	M	75	5.7	NORMAL	B+	Clear	83	88	5	94.8	99.3	4.5	120/80	124/82	4/2	14	98%	Nil	Fit	
115	Ajay Kumar Singh	15.03.1968	Manager	SMS_2	M	75	5.6	OVER WEIGHT	B+	Clear	90	94	4	94.2	97.2	3	122/82	120/80	-2/-2	14	99%	Nil	Fit	
116	Sekhar Jabir Hussain	17.03.1980	Jr. Fitter	SMS_1	M	68	5.8	NORMAL	O+	Clear	72	88	16	97.8	99.4	1.6	120/78	120/80	0/0	14	95%	Nil	Fit	
117	Ajay Giri	01.01.1976	Welder	SMS_1	M	81	5.8	OVER WEIGHT	B+	Clear	76	80	4	96.2	97	0.8	130/90	130/90	0/0	14	95%	Nil	Fit	High BP
118	Jhantu Das	02.02.1993	Fitter	Rolling Mill	M	66	5.5	NORMAL	B+	Clear	77	85	8	95.2	95.5	0.3	120/80	120/80	0/0	14	98%	Nil	Fit	
119	Shyamal Das	5/30/1905	Electrician	Rolling Mill	M	68	5.5	NORMAL	O+	Clear	111	96	-15	95.2	95.5	0.3	128/84	124/84	-4/0	14	98%	Nil	Fit	High BP

DR. M. P. PASWAN  
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Regd. No. -5415



## Heat Stress Analysis Report

Date : 24.09.2024

120	Sunil Kumar Yadav	30.09.1991	Fitter	CCM-I	M	68	5.5	NORMAL	A+	Clear	79	84	5	94.8	94.5	-0.3	120/80	118/78	-2/-2	14	96%	Nil	Fit
121	Narendra Kumar Yadav	01.01.1976	Fitter	Rolling Mill	M	64	5.5	NORMAL	A+	Clear	76	84	8	94.8	97.3	2.5	122/80	120/80	-2/0	14	98%	Nil	Fit

Category	BP
Normal	120 / 80 or
Moderate	121-139 / 81-
High	> =140 / 90

Category	BMI
Underweight	≤ 18.5
Normal Weight	18.5 - 24.9
Overweight	25 - 29.9
Obesity	≥ 30

Dr. M. P. PASWAN  
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Regn. No. 30228 BMCR

Dr. R. K. SHARMA  
Regd. Medical Practitioner  
Regn. No. 5415  
Signature with date of the Factory Medical Officer / The Certifying Surgeon

[illegible]

# Health Check-up Report (Form No-17)

Date: 27.03.2025

**DR. M. P. PASWAN**  
GENERAL PHYSICIAN & SURGEON  
DIABETES ADVISER  
20228 BANGALORE



# MAITHAN STEEL & POWER LIMITED

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

## Unit- C.C.M

## Health Check-up Report (Form No-17)

Sl No.	NAME	Date of Birth (DD/MM/YYYY)	DESIGNATION	DEPARTMENT	SEX (M/F)	WEIGHT (Kgs)	HEIGHT (Ht)	Blood Group	Chest	Pulse Rate(BPM)	Blood Pressure (mm/hg)	Respiration Time	Oxygen Level (%)	Anemia	Date :		Remarks
															Result	(Fit/Unfit)	
1	Lalan Kumar Singh		Gas Cutter	B. Dixit	M	69	5.5	A+	Clear	96	142/90	16	98%	Nil	Unit	Fit	High Blood Pressure
6	Sakal Rajak		Helper	B. Dixit	M	58	5.7		Clear	73	100/60	14	97%	Nil	Fit	Fit	
8	Asadul Haque		Helper	B. Dixit	M	48	5.3	B+	Clear	59	118/78	14	98%	Nil	Fit	Fit	
10	Ajay Mondal	16.02.2004	Helper	B. Dixit	M	69	5.5	A+	Clear	77	120/80	14	98%	Nil	Fit	Fit	
11	Lupas Day	18.03.1997	Supervisor	B. Dixit	M	56	5.4	A+	Clear	82	100/60	14	99%	Nil	Fit	Fit	Low Blood Pressure
12	Manoj Mondal	01.11.1996	Helper	B. Dixit	M	60	5.4	B+	Clear	66	118/78	14	97%	Nil	Fit	Fit	
13	Anam Kumar		Helper	B. Dixit	M	53.2	5.1		Clear	76	118/78	14	96%	Nil	Fit	Fit	
14	Tabita Das		Rigger Man	B. Dixit	M	61.85	5.2		Clear	62	122/80	14	99%	Nil	Fit	Fit	
15	Tanik Lal Rajak	01.01.1977	Helper	B. Dixit	M	56.2	5.2		Clear	79	120/80	14	98%	Nil	Fit	Fit	
16	Babon Roidas	23.01.1994	Helper	B. Dixit	M	69.75	5.3		Clear	66	118/78	14	98%	Nil	Fit	Fit	
18	Bhupen Das		Rigger Man	B. Dixit	M	66.85	5.3		Clear	83	120/80	14	98%	Nil	Fit	Fit	
21	Sunil Yadav	01.01.1996	Mould Operator	B. Dixit	M	55.1	4.11		Clear	68	120/76	14	98%	Nil	Fit	Fit	
25	Bawonp Yadav		Mould Operator	B. Dixit	M	60.85	5.2		Clear	86	133/84	14	99%	Nil	Fit	Fit	Slight High Blood Pressure
28	Niranjan Bauri	07.08.1982	Helper	B. Dixit	M	71.2	5.5	B+	Clear	81	120/80	14	91%	Nil	Fit	Fit	
29	Inuran Ali	15.04.1988	Timmer Man	B. Dixit	M	63.85	5.4	B+	Clear	81	135/85	14	97%	Nil	Unit	Unit	High Blood Pressure

MAITHAN  
1-4-21

Dr. M. P. PASWAN  
GENERAL PHYSICIAN & SURGEON  
DIABETES ADVISER  
Regn. No.-30228 BMCR

MAITHAN STEEL & POWER LIMITED  
Chittaranjan Road, P.O. & P.S. Salanpur - 713357, Dist.-Paschim Bardhaman (WB)  
DR. M. P. PASWAN  
1-4-21

**MAITHAN STEEL & POWER LIMITED**  
Chilbranjani Road, P.O. & P.S. Salanpur - 713357, Dist.-Paschim Bardhaman (WB)

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

## Unit-Electrical &amp; Others Health Check-up Report (Form No-17)

CHIEF - Electrical & Others Health Check-up Report (Form No-17)																
Date: _____																
Sl No	NAME	Date of Birth (DD/MM/YYYY)	DESIGNATION	DEPARTMENT	SEX (M/F)	WEIGHT (Kgs)	HEIGHT (M)	BLOOD GROUP	CHEST	Pulse Rate(BPM)	Blood Pressure (mm/Hg)	Respiration Time	Oxygen Level (%)	Anemia	Result (Fit / Unfit)	Remarks
1	Pabitra Kundu	05.10.1968	Jr. Electrician	Electrical	M	48	5.42	AB+	Clear	63	110/70	14	91%	Nil	Fit	
2	Biswasjit Langol		Sr. Electrician	Electrical	M	62	5.4		Clear	74	125/85	14	90%	Nil	Fit	
3	Sandhanu Naha Baruah	03.08.1968	Jr. Engineer	Electrical	M	85	5.6	O+	Clear		116/76			Nil	Fit	
4	Dipak Mondal	02.08.1966	Assistant Engineer	Electrical	M	85	5	O+	Clear	108	120/80	14	97%	Nil	Fit	
5	Prasadi Das	04.06.1967	Assistant Engineer	Electrical	M	70	5.8	O+	Clear	87	118/78	14	97%	Nil	Fit	
6	Harish Yadav	03.02.1965	Electrician	Electrical	M			B+	Clear	87	116/80	14	98%	Nil	Fit	
7	Arijit Mondal	02.06.1966	Electrician (Tramway)	Electrical	M	73	5.7	B+	Clear		120/78			Nil	Fit	
8	Upendra Kumar	14.12.1965	Electrician	Electrical	M	82	5.4	A+	Clear		116/80			Nil	Fit	
9	Arcan Kumar	06.08.1966	Assistant Engineer	Electrical	M	71	5.3	B+	Clear	85	116/78	14	98%	Nil	Fit	
10	Dinesh Mondal	15.02.1965	Assistant Engineer	Electrical	M	76	5.8	B+	Clear	91	116/76	14	96%	Nil	Fit	
12	Mohan Singh	02.10.1986	Shift Incharge	Electrical	M	73	5.8	B+	Clear	89	116/76	14	96%	Nil	Fit	
13	Sumit Chowdhury	22.05.2001	Assistant Engineer	Electrical	M	72	5.7	O+	Clear	85	120/80	14	95%	Nil	Fit	
220	Ranjan Singh	17.03.1993	Operator	Electrical	M	52	5	A+	Clear	62	120/80	14	95%	Nil	Fit	
15	Somnath Saha	17.03.1994	A.C Technician	Electrical	M	65	5.4	O+	Clear	73	122/80	14	98%	Nil	Fit	
17	Satraghan Kumar Singh		Supply Operator	Electrical	M	59	5.2	O+	Clear	87	120/80	14	98%	Nil	Fit	
18	Raj Kumar Bhandary	31.03.1990	Assistant Engineer	Electrical	M	77.6	5.6	A+	Clear	87	118/80	14	95%	Nil	Fit	

*M. P. P. S. PAWIA*

**Dr. M. P. P. S. PAWIA**  
GENERAL PHYSICIAN & SURGEON  
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Regn. No-31228 BMC

Fit

*M. P. Paswan*

**Dr. M. P. PASWAN**  
GENERAL PHYSICIAN & SURGEON  
DIABETES ADVISER  
141, ABETTES AVENUE  
REGD. NO. 30228 BMCR

Regd. Medical Practitioner  
Regd. No. 5415  
Dr. R. M. SHARMA  
Supplier  
9691



**Budget for Corporate Environment Responsibility Details**

Sl. No	Description	Expenditure (Rs.in Lakhs.)		
		1 <sup>st</sup> Year	2 <sup>nd</sup> Year	Total
1	Sinking of new bore wells in Mahespur, Salanpur and Dendua village @5 per village	30.00	35.00	65.00
2	Engaging under privilege woman in self-help group to make them sustainable	7.00	-	7.00
3	Existing halogen electric bulbs in and around the village to be altered with energy efficient LED bulbs	6.00	2.00	8.00
4	About 2 kilometer approaching road to the plant site will be strengthened, with the permission of the local authority.	25.00	17.00	42.00
5	Construction of toilets inside the school	7.00	1.00	8.00
Total Expenses (Rs.)		130.00		

**Corporate Environment Responsibility (CER) Expenditure Details for the year 2024-25**

Sl. No	Activity	CER Budget	Expenses			
			2021-22	2022-23	2023-24	2024-25
1	Sinking of new bore wells in Mahespur, Salanpur and Dendua village @5 per village	65.00	10.38	6.10	10.93	5.00
2	Engaging under privilege woman in self-help group to make them sustainable	7.00	1.50	0.70	18.16	0.58
3	Existing halogen electric bulbs in and around the village to be altered with energy efficient LED bulbs	8.00	0.25	0.10	0.18	1.82
4	About 2 kilometer approaching road to the plant site will be strengthened, with the permission of the local authority.	42.00	14.16	13.35	21.25	-
5	Construction of toilets inside the school	8.00	10.55	-	2.24	4.19
	Total Amount	130.00	36.84	20.25	52.76	11.59

## 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.: Purulia, (WB)

**Works: Unit-II**

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

☎ 8651540007

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