

Ref: - ESPL/SMC/OCT-2025 TO MAR-2026

Date: 07.06.2026

To,

**The Dy. Director General of Forest (DDGF)**

GOI, MoEF&CC, Sub Office, Kolkata

IB-198, Salt Lake City, Sector-III, Kolkata - 700106

**SUB: Six Monthly (Oct-2025 to Mar-2026) Compliance to Environmental Clearance of M/s Eloquent Steel Pvt. Limited, Vill-Nakrajoria, PO & PS-Salanpur, Dist.-Paschim Bardhaman-713357, (WB)**

**EC Reference:** F. No. J-11011/188/2011-IA.II(I) dated 16<sup>th</sup> March, 2023

Respected Ma'am,

With reference to the above, we are submitting herewith the six-monthly compliance report (period Oct-2025 to Mar-2026) for M/s Eloquent Steel Pvt. Limited, Vill-Nakrajoria, PO & PS-Salanpur, Dist.-Paschim Bardhaman (WB) as per the directives of Ministry of Environment Forest and Climate Change, Government of India. Point wise compliance status report along with latest environment monitoring data is enclosed for your kind consideration.

Hard copy of the report has not been sent following MoEF&CC direction vide File No. 106-12/EPE Dated 11.05.2020. Hope you will find the same in order.

Kindly acknowledge our submission.

With regards.

Yours Faithfully,

**For Eloquent Steel Pvt. Limited**

Authorized Signatory



Encl: as above

Copy to:

The Environmental Engineer, West Bengal Pollution Control Board, Asansol Regional Office, Kalyanpur Satellite Township Project, Dr. B.C. Roy Road, PO-Dakshin Dhadka, Asansol- 713302, Dist-Paschim Bardhaman (WB)

# **ELOQUENT STEEL PVT. LIMITED**

## **SIX MONTHLY COMPLIANCE REPORT**

### **COMPLIANCE STATUS OF ENVIRONMENTAL CLEARANCE**

**MoEF &CC. F. No.: J-11011/188/2011-IA. II(I)dated 16<sup>th</sup> March, 2023**

#### **COMPLIANCE PERIOD**

**OCTOBER-2025 TO MARCH-2026**

#### **PROJECT LOCATION:**

**Village: Nakrajoria, P.O.: Salanpur, Dist.- Paschim Bardhaman,  
West Bengal-713 357.**



## SIX MONTHLY COMPLIANCE REPORT

|                                  |                                                                                                                             |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Name of the Project              | : M/s. ELOQUENT STEEL PVT. LIMITED<br>Village: Nakraoria, P.O.: Salanpur, Dist.- Paschim Bardhaman,<br>West Bengal-713 357. |
| Environmental Clearance File No. | : F. No.: J-11011/188/2011-IA. II(I)dated 16 <sup>th</sup> March, 2023                                                      |
| Compliance Period                | : October 2025-March 2026                                                                                                   |

| S. No.                           | CONDITIONS                                                                                                                                                                                                                                                                                                           | COMPLIANCE STATUS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>A. SPECIFIC CONDITIONS: -</b> |                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| i.                               | The project proponent shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented. | It being complied with.<br>Environment protection measures and safeguards proposed in EIA/EMP has been implemented. In accordance to that, bag filters have been installed to maintain source emission in different processes i.e. SAF, SMS, Sinter Plant etc. Dust extraction systems, water sprinklers have been installed in high dust concentration points. As per proposal concreting of internal road has been made to reduce fugitive dust level due to vehicular movements. A dedicated water tanker has been deployed for water sprinkling on roads inside the plant and surrounding area roads outside the plant premises. Raw material transporting vehicles are being covered with tarpaulins to control spillage. |
| ii.                              | The project proponent shall utilize modern technologies for capturing of carbon emitted and shall also develop carbon sink/carbon sequestration resources capable of capturing more than emitted. The implementation report shall be submitted to the IRO, MoEF&CC in this regard.                                   | Noted and complied.<br>ESPL has/ had been adopting modern and efficient technologies available in market to restrict carbon emission. Dense afforestation has been done around the plant boundary which is acting as effective carbon sink/carbon sequestration resources. Hot billets are being charged directly into rolling mill in place of reheating furnace.                                                                                                                                                                                                                                                                                                                                                             |
| iii.                             | Barakar river and Maithon Dam exists adjacent to the project site. A robust and full proof Drainage Conservation scheme to protect the natural drainage and its flow parameters; along with Soil conservation scheme and multiple Erosion control measures shall be implemented.                                     | Recycle & reuse practice has been adapted to maintain the Zero Liquid Discharge. No industrial wastewater is allowed to discharge outside the factory premises. Therefore, there shall be no chance of adverse impact due to industrial effluent.<br><br>Renovation of drainage system of the company has been done so as to maintain the natural flow parameters and to control the soil erosion.                                                                                                                                                                                                                                                                                                                             |
| iv.                              | Performance test shall be conducted on all pollution control systems every half-yearly and report shall be submitted to Regional Office of the MoEF&CC.                                                                                                                                                              | Complied.<br>Third party NABL accredited laboratory has been engaged in stack emission monitoring at different processes.<br>West Bengal Pollution Control Board (WBPCB) team also monitor the stack emission level time to time<br>Latest stack monitoring reports are attached in <b>Annexure-1</b> .                                                                                                                                                                                                                                                                                                                                                                                                                        |
| v.                               | Solid waste utilization<br>a) PP shall install a fly ash brick making plant.                                                                                                                                                                                                                                         | Solid waste utilization of the is as follows:<br>a) As no powerplant or DRI establishment is mentioned in the EC, therefore, no fly ash generation will be                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |



|       |                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|       | <p>b) PP shall recycle/reuse 100% solid waste generated in the plant.</p> <p>c) Used refractories shall be recycled as far as possible</p>                                                                                                                                                                      | <p>there from this unit, and fly ash brick making plant is not envisaged.</p> <p>b) Recycling of solid waste is being/shall be ensured with best possible effort. Ferro manganese slag is used in silico manganese production. Further, silico manganese slag and SMS slags is used road making and land filling works.</p> <p>c) Used refractories being/shall be recycled as far as possible.</p>                                                                                                                                                                             |
| vi.   | Particulate matter emission from stacks shall be less than 30 mg/Nm <sup>3</sup> . Action plan in this regard shall be strictly implemented.                                                                                                                                                                    | <p>Noted and being complied.</p> <p>It is being complied with the projects comes under current EC. Pollution control devices has been installed so as to meet 30 mg/Nm<sup>3</sup> standard. Emission limit in existing project prior to this EC is complying with the standard stipulated by West Bengal Pollution Control Board.</p> <p>Additionally, company has taken initiatives to enhance the capacities of existing pollution control devices to achieve the norms as per the condition.</p> <p>Updated stack monitoring reports are enclosed in <b>Annexure-1</b>.</p> |
| vii.  | 85-90 % rolling shall be done by direct hot charging. Balance 10-15 % may be done through RHF using LDO as fuel.                                                                                                                                                                                                | <p>It is being complied with.</p> <p>Direct hot charging from SMS to Rolling Mill is done as per direction.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| viii. | The water requirement of 2140 KLD will be sourced from Maithon Reservoir. GW abstraction is not permitted.                                                                                                                                                                                                      | <p>Noted and complied.</p> <p>No ground water is being extracted in this project.</p> <p>Water requirement is being met from DVC. Agreement copy is attached in <b>Annexure-2</b>.</p>                                                                                                                                                                                                                                                                                                                                                                                          |
| ix.   | The PP shall also undertake rain water harvesting measures as per the plan submitted in the EIA/EMP report and reduce water dependence from the outside source.                                                                                                                                                 | <p>As the plan submitted in EIA/EMP report, Rain water harvesting pond has been already developed. Catchment area and collection network are made to reduce water needs dependence from outside source.</p> <p>Photograph is attached in <b>Annexure-3</b>.</p>                                                                                                                                                                                                                                                                                                                 |
| x.    | Dendua (0.03 Km) and Salanpur (1.4 Km) villages are in the vicinity of the project site. Project Proponent shall take appropriate environmental safeguard measures to minimise the impact on the habitation of the locals. The PP shall also include these locations in its environmental monitoring programme. | <p>ESPL has taken appropriate environmental safeguard measures to reduce pollution impacts on Dendua (0.03 Km) and Salanpur (1.4 Km) villages. Dense afforestation has been done along the boundary wall of the plant. Environmental monitoring being carried out on regular intervals by NABL accredited laboratory to evaluate the concentration level of particulate matter in surrounding areas. Along with that, water sprinkling is being done as per seasonal requirement.</p>                                                                                           |
| xi.   | As committed by the PP to adopt Nakrajoria Village under Dendua Village Panchayat, project proponent shall prepare and implement a robust plan to develop them into model villages in next 10 years.                                                                                                            | <p>ESPL is committed to fulfil its commitment made for Nakrajoria Village under Dendua Village panchayat. In order to accomplish, road side plantation has been done and regular maintenance is being carried out. Pond renovation has been done in part of rain water harvesting scheme at Nakrajoria village and other activities has been taken in to consideration to complete in time bound manner for development of the Nakrajoria village</p>                                                                                                                           |
| xii.  | SAFs shall have 4 <sup>th</sup> hole extraction system for fume pollution control.                                                                                                                                                                                                                              | Complied.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| xiii. | Fe-Cr slag shall be subjected to TCLP to finalize if it could be used for construction or should be sent to TSDF                                                                                                                                                                                                | <p>Noted, and it shall be complied. No any Fe-Cr slag generated during the compliance period.</p> <p>Only Fe-Mn &amp; Si-Mn productions carried out in this compliance period.</p>                                                                                                                                                                                                                                                                                                                                                                                              |



|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                       |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Latest TCLP test report of the existing generated SAF slag is enclosed as <b>Annexure-4</b> .                                                                                                                                                                                                                                                                                                         |
| xiv.   | Briquetting and Jigging plant shall be installed in Ferro Alloys Plant.                                                                                                                                                                                                                                                                                                                                                                                                                      | It is complied.                                                                                                                                                                                                                                                                                                                                                                                       |
| xv.    | A proper action plan must be implemented to dispose of the electronic waste generated in the industry.                                                                                                                                                                                                                                                                                                                                                                                       | It is being complied. Electronic waste generate in plant premises are minimal in quantity, kept in isolated designated place and handed over to authorized vendor. Form-6 is enclosed in <b>Annexure-5</b> .                                                                                                                                                                                          |
| xvi.   | Three tier Green Belt shall be developed in at least 33% in a time frame of one year with native species all along the periphery of the project site of adequate width and tree density shall not be less than 2500 per ha. Survival rate of green belt developed shall be monitored on periodic basis to ensure that damaged plants are replaced with new plants in the subsequent years. Compliance status in this regard, shall be submitted to concerned Regional Office of the MoEF&CC. | ESPL has achieved the desired plantation target of 33%. Total plant area is 9.089 Hectare. Based on this company has to develop 3.00 Ha. green belt. Approx. 7800 plants of different type of indigenous species have been planted so far and regular maintenance being done. Died trees are replaced by gap filling time to time. Some photographs of green belt are attached as <b>Annexure-6</b> . |
| xvii.  | Greening and Paving shall be implemented in the plant area to arrest soil erosion and dust pollution from exposed soil surface.                                                                                                                                                                                                                                                                                                                                                              | Paving and concreting of the project area is under process along with that greenbelt development is done simultaneously. Photographs are enclosed in <b>Annexure- 6 &amp; 7</b> .                                                                                                                                                                                                                     |
| xviii. | The proposed project shall be designed as "Zero Liquid Discharge" Plant. ETP shall be installed and there shall be no discharge of effluent from the plant. Domestic effluent shall be treated in Sewage Treatment Plant of required capacity. As committed, suitable measures shall be adopted for sewage water handling to ensure no contamination of any kind of water body.                                                                                                              | Recycling and reusing of waste water is practiced in plant premises without discharging outside. For domestic waste water it is being collected in septic tank followed by soak pit. STP shall be installed for treating for same and reused the water in greenbelt development and dust suppression. Effluent water analysis report is pinned in <b>Annexure-8</b> .                                 |
| xix.   | All stockyards shall be having impervious flooring and shall be equipped with water spray system for dust suppression. Stock yards shall also have provision of garland drains and catch pits to trap run off material. Action plan submitted in the EIA/EMP Report shall be strictly implemented.                                                                                                                                                                                           | Concreting flooring with garland around stockyard has been started to construct to trap material runoff. Although some raw materials are kept under shed and rests are tarpaulin covered. Water sprinkling is provided in dust generating points.                                                                                                                                                     |
| xx.    | No parking on road side for any vehicle pertaining to the plant. Proper arrangement for vehicle parking within the plant will be made                                                                                                                                                                                                                                                                                                                                                        | Noted and complied<br>Parking area for vehicles pertaining to the plants has been provided.                                                                                                                                                                                                                                                                                                           |
| xxi.   | All the commitments made to the public during the Public Hearing/Public Consultation shall be satisfactorily implemented. The action plan based on the social impact assessment study of the project as per the EMP in accordance to the Ministry's OM dated 30.09.2020 shall be strictly implemented and progress shall be submitted to the Regional Office of MoEF&CC.                                                                                                                     | It is being/shall be complied.<br>EMP are under process of implementation, initiatives are taking place as commitments made during public hearing. Company makes frequent contributions to welfare programs in the surround villages.                                                                                                                                                                 |
| xxii.  | The Plastic Waste Management Rules 2016, inter-alia, mandated banning of identified Single Use Plastic (SUP) items with effect from 01/07/2022. In this regard, CPCB has issued a direction to all the State Pollution Control Boards (SPCBs)/Pollution Control Committees (PCCs) on 30/06/2022 to ensure the compliance of Notification published by Ministry on 12/08/2021. The technical guidelines issued by the CPCB in                                                                 | Noted.<br>Single Use Plastic is prohibited inside plant premises. Our dedicated EHS personnel frequently interact with workers for creating awareness regarding plastic usage.                                                                                                                                                                                                                        |



|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                    | <p>this regard is available at <a href="https://cpcb.nic.in/technical-guidelines-3/">https://cpcb.nic.in/technical-guidelines-3/</a>. All the project proponents are hereby requested to sensitize and create awareness among people working within the Project area as well as its surrounding area on the ban of SUP in order to ensure the compliance of Notification published by this Ministry on 12/08/2021. A report, along with photographs, on the measures taken shall also be included in the six-monthly compliance report being submitted by the project proponents.</p>                                                |                                                                                                                                                                                                                                                                                                                                                                                             |
| xxiii.                                             | <p>The project proponent shall adopt the Clean Air practices like mechanical collectors, wet scrubbers, fabric filters (bag houses), electrostatic precipitators, combustion systems (thermal oxidizers), condensers, absorbers, absorbers, and biological degradation. Controlling emissions related to transportation shall include emission controls on vehicles as well as use of cleaner fuels. Sufficient numbers of additional truck mounted Fog/Mist water cannons shall be procured and operated regularly inside the project premises and also in the surrounding villages to arrest suspended dust in the atmosphere.</p> | <p>Appropriate air pollution control devices (APCDs) like bag filters, dust extraction system, water sprinkler to maintain low pollution around plant premises. Sufficient numbers of stationed water sprinklers in the plant. Mobile water tanker has been deployed during non-monsoon season. Transporting vehicles are properly covered with tarpaulins to reduce material spillage.</p> |
| <b>B. General Conditions</b>                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>I. Statutory compliance:</b>                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                             |
| I.                                                 | <p>The Environment Clearance (EC) granted to the project/ activity is strictly under the provisions of the EIA Notification, 2006 and its amendments issued from time to time. It does not tantamount/ construe to approvals/ consent/ permissions etc., required to be obtained or standards/conditions to be followed under any other Acts/Rules/Subordinate legislations, etc., as may be applicable to the project.</p>                                                                                                                                                                                                          | <p>Noted.<br/>After obtaining the Environmental Clearance, ESPL has obtained the Consent to Establish (CTE) from West Bengal Pollution Control Board (WBPCB). The expansion project's installation activities have begun. Plant. Valid CTE and CTOs are attached in <b>Annexure-9</b>.</p>                                                                                                  |
| <b>II. Air quality monitoring and preservation</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                             |
| I.                                                 | <p>The project proponent shall install 24x7 continuous emission monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 31<sup>st</sup> March 2012 (Integrated iron &amp; Steel) as amended from time to time and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.</p>                                                                                                         | <p>Continuous emission monitoring system (CEMS) operation 24x7 installed in all major stacks and connected with CPCB servers to evaluate stack emission status.<br/>Stack and ambient air are being monitored on periodic basis through NABL authorized laboratory. Latest reports are attached in <b>Annexure-1 &amp; 10</b>.</p>                                                          |
| ii.                                                | <p>The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.</p>                                                                                                                                                                                                                                                                                                                                                                                                         | <p>It is being complied with.<br/>Fugitive Emission monitoring is being done through NABL accredited laboratories.<br/>Last work zone (fugitive emission) monitoring report are enclosed as <b>Annexure -11</b>.</p>                                                                                                                                                                        |
| iii.                                               | <p>Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources,</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <p>Air pollution control device such as bag filters with FDC with SAF and dust extraction system has been installed at SMS, Sinter plant and briquetting plant to capture the dust from vulnerable sources. Along with that, water</p>                                                                                                                                                      |



|                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                       | so as to comply prescribed stack emission and fugitive emission standards.                                                                                                                                                                                                                                                                                                                                                                                                                                         | sprinkling has been facilitated to reduce ground fugitive emission. Last reports of stack and fugitive air monitoring are enclosed in <b>Annexure 1 &amp; 11</b> .                                                                                                                                         |
| iv.                                                   | The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.                                                                                                                                                                                                                                                                                                                                                                                       | It is complied.<br>Proper functioning of bag filter is being monitored by skill personnel and accordingly preventive maintenance is done.                                                                                                                                                                  |
| v.                                                    | Recycle and reuse iron ore fines, coal and coke fines, lime fines and such other fines collected in the pollution control devices and vacuum cleaning devices in the process after briquetting/agglomeration                                                                                                                                                                                                                                                                                                       | It is being / Shall be complied.<br>Functioning of bag filters being monitored by suitably skilled manpower and observations noticed being promptly attended. Leakage detection and mechanized bag cleaning facilities has been provided.                                                                  |
| vi.                                                   | The project proponent shall ensure covered transportation and conveying of ore, coal and other raw material to prevent spillage and dust generation.                                                                                                                                                                                                                                                                                                                                                               | It is complied.<br>Tarpaulin covered raw material transporting vehicles is ensured to avoid spillage and dust generation.                                                                                                                                                                                  |
| vii.                                                  | The project proponent shall provide primary and secondary fume extraction system at all melting furnaces.                                                                                                                                                                                                                                                                                                                                                                                                          | Fume extraction system along with spark arrestor and bag filters has been provided with induction Furnaces                                                                                                                                                                                                 |
| viii.                                                 | Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.                                                                                                                                                                                                                                                                                                                                                                                         | Ventilation system for adequate air circulation has been provided all tunnels, motor houses, Oil Cellars.                                                                                                                                                                                                  |
| <b>III. Water quality monitoring and preservation</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                            |
| i.                                                    | The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 31 <sup>st</sup> March 2012 (Integrated iron & Steel) as amended from time to time and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories. | Recycle and reuse practice is adapted. There is no discharge of industrial wastewater from the factory. Septic tanks and soak pits are available for the treatment of domestic waste water.<br><br>Last effluent monitoring report analysed by NABL accredited laboratory is enclosed as <b>Annexure-8</b> |
| ii.                                                   | The project proponent shall monitor regularly ground water quality at least twice a year (pre- and post-monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognised under Environment (Protection) Act, 1986 and NABL accredited laboratories.                                                                                                                                                                                                            | It is being complied with.<br>Reports are enclosed in <b>Annexure-12</b> .                                                                                                                                                                                                                                 |
| iii.                                                  | Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.                                                                                                                                                                                                                                                                                                                                                                                                    | Domestic waste water is being collected in septic tank followed by soak pit it is facilitated with individual septic tank. Sewage treatment plant shall be installed and treated water shall be reused in greenbelt development.                                                                           |
| iv.                                                   | The project proponent shall provide the ETP for effluents of rolling mills to meet the standards prescribed in G.S.R 277 (E) 31 <sup>st</sup> March 2012 (applicable to IF/EAF) as amended from time to time.                                                                                                                                                                                                                                                                                                      | Effluent treatment plant for rolling mill has been provided. Recycling and reusing of cooling water through settling tank and filtration system is being maintained.                                                                                                                                       |
| v.                                                    | Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.                                                                                                                                                                                                                                                                                                                                | Being complied.<br>Raw Material being kept under the shed, iron stock pills are being covered under tarpaulin. Proper drainage system has been made to trap the contaminated water. Garland drains shall be implemented as per requirement.                                                                |



|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Catch pits are also provided accommodate the surface run-off.                                                                                                                                                                  |
| <b>IV. Noise monitoring and prevention</b>          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                |
| i.                                                  | Noise quality shall be monitored as per the prescribed Noise Pollution (Regulation and Control) Rules, 2000 and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report                                                                                                                                                                                                                                                                                                                                          | It is being complied.<br>Noise quality shall be monitored as per the prescribed Noise Pollution (Regulation and Control) Rules, 2000. Latest work zone and ambient noise reports are enclosed in <b>Annexure-13 &amp; 14</b> . |
| <b>V. Energy Conservation measures</b>              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                |
| i.                                                  | Energy conservation measures may be adopted such as adoption of solar energy and provision of LED lights etc., to minimize the energy consumption.                                                                                                                                                                                                                                                                                                                                                                                                                               | It is complied.<br>To reduce electric energy consumption, LED light has been used in office spaces and ESPL has installed 1690 kWp solar panel to utilise alternative energy sources.                                          |
| <b>VI. Waste management</b>                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                |
| i.                                                  | Used refractories shall be recycled.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Noted.                                                                                                                                                                                                                         |
| ii.                                                 | Kitchen waste shall be composted or converted to biogas for further use.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Noted. Kitchen waste is being turn into compost and reused in horticulture works.                                                                                                                                              |
| <b>VII. Green Belt</b>                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                |
| i.                                                  | The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration by trees.                                                                                                                                                                                                                                                                                                                                                                                                      | Carbon footprint and carbon sequestration report of existing project is being prepared. Attached in <b>Annexure-15</b> .                                                                                                       |
| ii.                                                 | Project proponent shall submit a study report on De-carbonization program, which would essentially consist of company's carbon emissions, carbon budgeting/ balancing, carbon sequestration activities and carbon capture, use and storage after offsetting strategies. Further, the report shall also contain time bound action plan to reduce its carbon intensity of its operations and supply chains, energy transition pathway from fossil fuels to Renewable energy etc. All these activities/ assessments should be measurable and monitor able with defined time frames. | Noted. Being/shall be complied.<br>ESPL is making best possible effort by incorporating market proven technologies to reduce carbon emission. It has already 1690 kWp solar panel to reduce fossil fuel dependency.            |
| <b>VIII. Public hearing and Human health issues</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                |
| i.                                                  | Emergency preparedness plan based on the Hazard Identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.                                                                                                                                                                                                                                                                                                                                                                                                                                     | Being Complied. Risk Assessment (HIRA) and Disaster Management Plan is enclosed in <b>Annexure-16</b> .                                                                                                                        |
| ii.                                                 | The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.                                                                                                                                                                                                                                                                                                                                                                               | Shall be Complied.<br>Workers, exposed to high temperature work zones are provided necessary PPEs i.e. face shield, apron and heat resistance shoes.                                                                           |
| iii.                                                | Occupational health surveillance of the workers shall be done on a regular basis and records maintained.                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Complied.<br>Occupational health surveillance program of the workers has been done and records are maintained. Some reports are enclosed in <b>Annexure-17</b> .                                                               |
| iv.                                                 | The Unit is using quartzite and coke and sought EC for expansion for alloy production. Therefore, the industry is recommended to measure silica and coal dust exposures using personal and area air samplers in process plants and to be compared with Permissible exposure limits as per Indian Factories Act, 1948. Report to be submitted to the IRO, MoEFCC.                                                                                                                                                                                                                 | All necessary PPEs like dust masks eyes safety goggles are provided to working manpower for the production of Silico Manganese as protective measures. It shall be monitored as per direction and Indian Factories Act.        |



| IX. Environment Management |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| i.                         | The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 30/09/2020. As part of Corporate Environment Responsibility (CER) activity, company shall adopt nearby villages based on the socio-economic survey and undertake community developmental activities in consultation with the village Panchayat and the District Administration as committed.                                                                                                                                                                                                                                        | ESPL has taken several CER activities for socioeconomic development of surrounding communities. Food and grocery items have been distributed in old age homes and Ban Mahotsav programs has been organised in coordination with local schools. Study materials and tiffin box has been distributed to needy students, community hall shed development, water sprinkling on surrounding roads etc are undertaken for the benefit of local community. Some of the photographs are enclosed in <b>Annexure-18</b> .                                                                                                                                                                                                                                                           |
| ii.                        | The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report. | Complied.<br>ESPL has implemented standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. Environmental Policy is attached in <b>Annexure-19</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 directly to the head of the organization.                                                                                                                                                                                                                                                                                                                                                                                                                                          | An environmental cell has been set up under the supervision of senior executive to look after the day-to-day activities pertaining to environment & pollution control issues of the company.<br><br>Hierarchical system/administrative order of the environmental cell follows-<br><br> <pre> graph TD     CMD[CMD] --&gt; JTMD[JT. MD]     JTMD --&gt; HES[Head - Environment Health &amp; Safety]     JTMD --&gt; UH[Unit Head]     HES --&gt; Env[Environment]     HES --&gt; Health[Health]     HES --&gt; Safety[Safety]     Env --&gt; EO[Env. Officer/Engg.]     Health --&gt; MO[Medical Officer]     Safety --&gt; SO[Safety Officer]     UH --&gt; OH[Operation Head] </pre> |
| X. Miscellaneous           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| I.                         | The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.                                                                                                                                                                                                                                   | It has been complied<br>Granted EC copy is available as 'Environmental Orders' on the company website permanently.<br><a href="http://shakambhariispat.com/environmental-orders">http://shakambhariispat.com/environmental-orders</a> .<br><br>Copy of Newspaper advertisement is attached in <b>Annexure-20</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.                                                                                                                                                                                                        | Complied.<br>Intimation letters are attached in <b>Annexure-21</b> .                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| iii.  | The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.                                                                                                                                                                                                                                                                              | Noted.<br>It is being complied. Compliance report is uploaded on half-yearly basis to company's website:<br><a href="http://shakambhariispat.com/environmental-compliance">http://shakambhariispat.com/environmental-compliance</a>                                                                                                                                                                                                                                                                                                            |
| iv.   | The project proponent shall monitor the criteria pollutants level namely; PM <sub>10</sub> , SO <sub>2</sub> , NO <sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.                                                                                                                                    | It is being/shall be complied.<br>Latest stack monitoring reports & ambient air monitoring report for criteria pollutants level namely; PM <sub>10</sub> , SO <sub>2</sub> , NO <sub>x</sub> being displayed at main gate of the plant and it shall also be uploaded in company website ( <a href="http://shakambhariispat.com/environmental-compliance">http://shakambhariispat.com/environmental-compliance</a> ) under half yearly compliance report as per direction<br>Environmental display data board attached as <b>Annexure -22</b> . |
| 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.                                                                                                                                                                                                                                                 | Complied.<br>It is being complied on regular basis.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 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.                                                                                                                                                                                                                | The environmental statement for FY 2024-25 has been submitted and FY 2025-26 will be Submitted to WBPCB with copy to MoEF&CC Sub office Kolkata and the report being/will be uploaded on the company website as per direction.<br>Last Environmental Statement mail copy is pinned in <b>Annexure-23</b>                                                                                                                                                                                                                                       |
| 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.                                                                                                                                                                                                                        | The company began project activities on May 9, 2023, after receiving CTE (NOC) via No. 180715 dated May 8, 2023, from WBPCB.                                                                                                                                                                                                                                                                                                                                                                                                                   |
| viii. | The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.                                                                                                                                                                                                                                                                   | Noted. It is being/shall be complied.<br>ESPL is implementing the commitments made during public hearing and recommendations made in EIA/EMP report. It shall be continued till its completion.                                                                                                                                                                                                                                                                                                                                                |
| ix.   | The PP shall put all the environment related expenditure, expenditure related to Action Plan on the PH issues, and other commitments made in the EIA/EMP Report etc. in the company web site for the information to public/public domain. The PP shall also put the information on the left-over funds allocated to EMP and PH as committed in the earlier ECs and shall be carried out and spent in next three years, in the company web site for the information to public/public domain. | Noted. It shall be complied.<br>Six monthly compliance report is regularly submitted and uploaded the company website for the information to public/public domain. EC obtained from MoEF&CC has also uploaded on-<br><a href="http://shakambhariispat.com/environmental-orders">http://shakambhariispat.com/environmental-orders</a>                                                                                                                                                                                                           |



|     |                                                                                                                                                                                                                                                                 |                                                                                                          |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| x.  | No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).                                                                                            | Noted.<br>No further expansion or modification will be undertaken without prior approval of the MoEF&CC. |
| xi. | The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports. | Noted. It shall be followed.                                                                             |



## ANNEXURE- 1



# ENVIROCHECK

Recognised by MoEF & CC, WBPCB & JSPCB  
Accredited by NABL (ISO/IEC 17025:2017) & NABET (CERTIFICATE NO. - NABET/BIA/2326/IA 0117)  
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



## TEST REPORT

FORMAT NO: ENV/FM/38

|                           |                                                                        |                                             |                             |
|---------------------------|------------------------------------------------------------------------|---------------------------------------------|-----------------------------|
| Name of the Client        | : Eloquent Steel Pvt. Ltd.                                             | Type of Industry                            | : Ferro Alloy & SMS Unit    |
| Address                   | : Vill - Nakrajeria, P.O. - P.S. - Salanpur, Dist. - Paschim Bardhaman | Sampling date                               | : 02.02.2026                |
|                           |                                                                        | Date of received                            | : 09.02.2026                |
|                           |                                                                        | Date (s) of analysis                        | : 09.02.2026 - 10.02.2026   |
|                           |                                                                        | Date of issue                               | : 12.02.2026                |
| Sampling Plan & Procedure | : ENV/SOP/01/02                                                        | Deviation from the Sampling Method and Plan | : No                        |
|                           |                                                                        | Type of Sample                              | : Stack Emission            |
| Sample Condition          | : Sealed                                                               | Sample ID No.                               | : ENV/07/Feb./A/I           |
|                           |                                                                        | Report ID No.                               | : ENV/07/Feb./TR(A)/I/25-26 |
| Sample Testing Location   | : Permanent Testing                                                    |                                             |                             |

### A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

|                           |                                      |                                            |        |
|---------------------------|--------------------------------------|--------------------------------------------|--------|
| Stack Attached to         | : SEAF - No.1                        |                                            |        |
| Shape of Stack            | : Circular                           | Height of Stack (mtr.) (from G. L.)        | : 36.0 |
| Materials of Construction | : M.S.                               | Stack I.D. at sampling point (mtr.)        | : 1.6  |
| Capacity                  | : 7.5 MVA                            | Height of sampling post (mtr.) (from G.L.) | : 30.0 |
| Emission Due to           | : Reduction of Mn-Ore                |                                            |        |
| Fuel Used                 | : Electrically Operated              | Permanent Platform & Ladder                | : Yes  |
| Working Fuel Consumption  | : Nil                                |                                            |        |
| Pollution Control Device  | : F.D. Cooler & Pulse Jet Bag Filter |                                            |        |

### B. RESULTS

| SL. NO.                                                | PARAMETERS                  | UNIT                 | METHOD NO.        | RESULTS    |
|--------------------------------------------------------|-----------------------------|----------------------|-------------------|------------|
| 1.                                                     | Flue Gas Temperature        | °C                   | IS 11255 (Part 1) | : 61.0     |
| 2.                                                     | Barometric Pressure         | mm of Hg             | IS 11255 (Part 1) | : 762.0    |
| 3.                                                     | Velocity of Gas flow        | m/s                  | IS 11255 (Part 1) | : 0.40     |
| 4.                                                     | Quantity of Gas flow        | Nm <sup>3</sup> /hr. | IS 11255 (Part 1) | : 54349.32 |
| 5.                                                     | Sulfur dioxide              | mg/Nm <sup>3</sup>   | IS 11255 (Part 2) | : 162.56   |
| 6.                                                     | Carbon dioxide by ORSAT App | %                    | IS 13270          | : 1.6      |
| 7.                                                     | Carbon Monoxide             | %                    | IS 13270          | : <1.0     |
| 8.                                                     | Particulate Matter          | mg/Nm <sup>3</sup>   | IS 11255 (Part 1) | : 16.58    |
| Remarks : Result relates only to the sample submitted. |                             |                      |                   |            |

Reviewed By :

(Durbadal Chakraborty)  
(Dy. Quality Manager)

Authorised Signatory :

(Dr. Ajoy Paul)  
(Quality Manager)

H.O. : 63/B, Rastraguru Avenue, Kolkata - 700028 ( 033-25792891/25497490, Fax : 033-25299141  
Laboratory : 189, 190, 192, 186 & 51 Rastraguru Avenue, Kolkata - 700028 ( 033-25792889  
Email : info@envirocheck.in/envirocheck50@gmail.com / Website : www.envirocheck.in  
Branch Office : • Siliguri • Haldia • Durgapur • Dhanbad • Gangtok • Port Blair • Dehradun • New Delhi  
Overseas : • UAE • Qatar • Netherlands



# ENVIROCHECK

Recognised by MoEF & CC, WBPCB & JSPCB  
Accredited by NABL (ISO/IEC 17025:2017) & NABET (CERTIFICATE NO. - NABET/BIA/2326/IA 0117)  
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



## TEST REPORT

FORMAT NO: ENV/FM/38

|                           |                                                                        |                                             |                              |
|---------------------------|------------------------------------------------------------------------|---------------------------------------------|------------------------------|
| Name of the Client        | : Eloquent Steel Pvt. Ltd.                                             | Type of Industry                            | : Ferro Alloy & SMS Unit     |
| Address                   | : Vill - Nakrajoria, P.O. - P.S. - Salanpur, Dist. - Paschim Bardhaman | Sampling date                               | : 02.02.2026                 |
|                           |                                                                        | Date of received                            | : 09.02.2026                 |
|                           |                                                                        | Date (s) of analysis                        | : 09.02.2026 - 10.02.2026    |
|                           |                                                                        | Date of issue                               | : 12.02.2026                 |
| Sampling Plan & Procedure | : ENV/SOP/01/02                                                        | Deviation from the Sampling Method and Plan | : No                         |
| Sample Condition          | : Sealed                                                               | Sample ID No.                               | : ENV/07/Feb./A/II           |
| Sample Testing Location   | : Permanent Testing                                                    | Report ID No.                               | : ENV/07/Feb./TR(A)/II/25-26 |
|                           |                                                                        | Type of Sample                              | : Stack Emission             |

### A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

|                           |                                      |                                            |        |
|---------------------------|--------------------------------------|--------------------------------------------|--------|
| Stack Attached to         | : SEAF - No.2                        | Height of Stack (mtr.) (from G.L.)         | : 36.0 |
| Shape of Stack            | : Circular                           | Stack I.D. at sampling point (mtr.)        | : 2.0  |
| Materials of Construction | : M.S.                               | Height of sampling post (mtr.) (from G.L.) | : 30.0 |
| Capacity                  | : 7.5 MVA                            |                                            |        |
| Emission Due to           | : Reduction of Mn-Ore                |                                            |        |
| Fuel Used                 | : Electrically Operated              | Permanent Platform & Ladder                | : Yes  |
| Working Fuel Consumption  | : Nil                                |                                            |        |
| Pollution Control Device  | : F.D. Cooler & Pulse Jet Bag Filter |                                            |        |

### B. RESULTS

| SL. NO.                                                | PARAMETERS                  | UNIT                 | METHOD NO.        | RESULTS  |
|--------------------------------------------------------|-----------------------------|----------------------|-------------------|----------|
| 1.                                                     | Flue Gas Temperature        | °C                   | IS 11255 (Part 1) | 65.0     |
| 2.                                                     | Barometric Pressure         | mm of Hg             | IS 11255 (Part 1) | 762.0    |
| 3.                                                     | Velocity of Gas flow        | m/s                  | IS 11255 (Part 1) | 16.89    |
| 4.                                                     | Quantity of Gas flow        | Nm <sup>3</sup> /hr. | IS 11255 (Part 1) | 16857.72 |
| 5.                                                     | Sulfur dioxide              | mg/Nm <sup>3</sup>   | IS 11255 (Part 2) | 146.50   |
| 6.                                                     | Carbon dioxide by ORSAT App | %                    | IS 13270          | 1.8      |
| 7.                                                     | Carbon Monoxide             | %                    | IS 13270          | <1.0     |
| 8.                                                     | Particulate Matter          | mg/Nm <sup>3</sup>   | IS 11255 (Part 1) | 18.25    |
| Remarks : Result relates only to the sample submitted. |                             |                      |                   |          |

Reviewed By :

(Durbadal Chakraborty)  
(Dy. Quality Manager)

Authorised Signatory :

(Dr. Ajoy Paul)  
(Quality Manager)

H.O. : 63/B, Rastraguru Avenue, Kolkata - 700028 ( 033-25792881/25497490, Fax : 033-25299141 )  
Laboratory : 189, 190, 192, 186 & 51 Rastraguru Avenue, Kolkata - 700028 ( 033-25792889 )  
Email : info@envirocheck.in/envirocheck50@gmail.com / Website : www.envirocheck.in  
Branch Office : • Siliguri • Haldia • Durgapur • Dhanbad • Gangtok • Port Blair • Dehradun • New Delhi  
Overseas : • UAE • Qatar • Netherlands



# ENVIROCHECK

Recognised by MoEF & CC, WBPCB & JSPCB  
Accredited by NABL (ISO/IEC 17025:2017) & NABET (CERTIFICATE NO. - NABET/EIA/2326/IA 0117)  
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



## TEST REPORT

FORMAT NO.: ENV/FM/38

|                           |                                                                         |                                             |                               |
|---------------------------|-------------------------------------------------------------------------|---------------------------------------------|-------------------------------|
| Name of the Client        | : Eloquent Steel Pvt. Ltd.                                              | Type of Industry                            | : Ferro Alloy & SMS Unit      |
| Address                   | : Vill. - Nakrajoria, P.O. - P.S. - Salanpur, Dist. - Paschim Bardhaman | Sampling date                               | : 02.02.2026                  |
|                           |                                                                         | Date of received                            | : 09.02.2026                  |
|                           |                                                                         | Date (s) of analysis                        | : 09.02.2026 - 10.02.2026     |
|                           |                                                                         | Date of issue                               | : 12.02.2026                  |
| Sampling Plan & Procedure | : ENV/SOP/01/02                                                         | Deviation from the Sampling Method and Plan | : No                          |
| Sample Condition          | : Sealed                                                                | Sample ID No.                               | : ENV/07/Feb./A/III           |
| Sample Testing Location   | : Permanent Testing                                                     | Report ID No.                               | : ENV/07/Feb./TR(A)/III/25-26 |
|                           |                                                                         | Type of Sample                              | : Stack Emission              |

### A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

|                           |                                      |                                            |        |
|---------------------------|--------------------------------------|--------------------------------------------|--------|
| Stack Attached to         | : SEAF - No.3                        | Height of Stack (mtr.) (from G. L.)        | : 36.0 |
| Shape of Stack            | : Circular                           | Stack I.D. at sampling point (mtr.)        | : 2.0  |
| Materials of Construction | : M.S.                               | Height of sampling post (mtr.) (from G.L.) | : 30.0 |
| Capacity                  | : 7.5 MVA                            |                                            |        |
| Emission Due to           | : Reduction of Mn-Ore                |                                            |        |
| Fuel Used                 | : Electrically Operated              | Permanent Platform & Ladder                | : Yes  |
| Working Fuel Consumption  | : Nil                                |                                            |        |
| Pollution Control Device  | : F.D. Cooler & Pulse Jet Bag Filter |                                            |        |

### B. RESULTS

| SL. NO.                                                | PARAMETERS                  | UNIT                 | METHOD NO.        | RESULTS    |
|--------------------------------------------------------|-----------------------------|----------------------|-------------------|------------|
| 1.                                                     | Flue Gas Temperature        | °C                   | IS 11255 (Part 1) | : 78.0     |
| 2.                                                     | Barometric Pressure         | mm of Hg             | IS 11255 (Part 1) | : 762.0    |
| 3.                                                     | Velocity of Gas flow        | m/s                  | IS 11255 (Part 1) | : 8.61     |
| 4.                                                     | Quantity of Gas flow        | Nm <sup>3</sup> /hr. | IS 11255 (Part 1) | : 82825.86 |
| 5.                                                     | Sulfur dioxide              | mg/Nm <sup>3</sup>   | IS 11255 (Part 2) | : 90.16    |
| 6.                                                     | Carbon dioxide by ORSAT App | %                    | IS 13270          | : 1.6      |
| 7.                                                     | Carbon Monoxide             | %                    | IS 13270          | : <1.0     |
| 8.                                                     | Particulate Matter          | mg/Nm <sup>3</sup>   | IS 11255 (Part 1) | : 12.82    |
| Remarks : Result relates only to the sample submitted. |                             |                      |                   |            |

Reviewed By :

(Durbadal Chakraborty)  
(Dy. Quality Manager)

Authorised Signatory :

(Dr. Ajoy Paul)  
(Quality Manager)

H.O. : 63/B, Rastraguru Avenue, Kolkata - 700028 ( 033-25792891/25497400, Fax : 033-25299141  
Laboratory : 189,190,192,186 & 51 Rastraguru Avenue, Kolkata - 700028 ( 033-25792889  
Email : info@envirocheck.in/envirocheck50@gmail.com / Website : www.envirocheck.in  
Branch Office : • Siliguri • Haldia • Durgapur • Dhanbad • Gangtok • Port Blair • Dehradun • New Delhi  
Overseas : • UAE • Qatar • Netherlands



# ENVIROCHECK

Recognized by MoEF & CC, WBPCD & JSPCB  
 Accredited by NABL (ISO/IEC 17025:2017) & NABET (CERTIFICATE NO. - NABET/EIA/2326/IA 0117)  
 Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001 : 2018



## TEST REPORT

FORMAT NO: ENV/FM/38

|                           |                                                                        |                                             |                              |
|---------------------------|------------------------------------------------------------------------|---------------------------------------------|------------------------------|
| Name of the Client        | : Eloquent Steel Pvt. Ltd.                                             | Type of Industry                            | : Ferro Alloy & SMS Unit     |
| Address                   | : Vill - Nakrajoria, P.O. + P.S. - Salanpur, Dist. - Paschim Bardhaman | Sampling date                               | : 02.02.2026                 |
|                           |                                                                        | Date of received                            | : 09.02.2026                 |
|                           |                                                                        | Date (s) of analysis                        | : 09.02.2026 - 10.02.2026    |
|                           |                                                                        | Date of issue                               | : 12.02.2026                 |
| Sampling Plan & Procedure | : ENV/SOP/01/02                                                        | Deviation from the Sampling Method and Plan | : No                         |
| Sample Condition          | : Sealed                                                               | Sample ID No.                               | : ENV/07/Feb./A/IV           |
| Sample Testing Location   | : Permanent Testing                                                    | Report ID No.                               | : ENV/07/Feb./TR(A)/IV/25-26 |
|                           |                                                                        | Type of Sample                              | : Stack Emission             |

### A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

|                           |                                      |                                            |        |
|---------------------------|--------------------------------------|--------------------------------------------|--------|
| Stack Attached to         | : SEAF - No.4                        | Height of Stack (mtr.) (from G. L.)        | : 36.0 |
| Shape of Stack            | : Circular                           | Stack I.D. at sampling point (mtr.)        | : 2.0  |
| Materials of Construction | : M.S.                               | Height of sampling post (mtr.) (from G.L.) | : 30.0 |
| Capacity                  | : 5.5 MVA                            |                                            |        |
| Emission Due to           | : Reduction of Mn-Ore                |                                            |        |
| Fuel Used                 | : Electrically Operated              | Permanent Platform & Ladder                | : Yes  |
| Working Fuel Consumption  | : Nil                                |                                            |        |
| Pollution Control Device  | : F.D. Cooler & Pulse Jet Bag Filter |                                            |        |

### B. RESULTS

| SL. NO. | PARAMETERS                                     | UNIT                 | METHOD NO.        | RESULTS    |
|---------|------------------------------------------------|----------------------|-------------------|------------|
| 1.      | Flue Gas Temperature                           | °C                   | IS 11255 (Part I) | : 72.0     |
| 2.      | Barometric Pressure                            | mm of Hg             | IS 11255 (Part I) | : 762.0    |
| 3.      | Velocity of Gas flow                           | m/s                  | IS 11255 (Part I) | : 7.98     |
| 4.      | Quantity of Gas flow                           | Nm <sup>3</sup> /hr. | IS 11255 (Part I) | : 78098.44 |
| 5.      | Sulfur dioxide                                 | mg/Nm <sup>3</sup>   | IS 11255 (Part 2) | : 141.20   |
| 6.      | Carbon dioxide by ORSAT App                    | %                    | IS 13270          | : 1.4      |
| 7.      | Carbon Monoxide                                | %                    | IS 13270          | : <1.0     |
| 8.      | Particulate Matter                             | mg/Nm <sup>3</sup>   | IS 11255 (Part I) | : 21.59    |
| Remarks | : Result relates only to the sample submitted. |                      |                   |            |

Reviewed By :

(Durbadal Chakraborty)  
 (Dy. Quality Manager)

Authorised Signatory :

(Dr. Ajoy Paul)  
 (Quality Manager)

H.O. : 63/B, Rastraguru Avenue, Kolkata - 700028 ( 033-25792891/25497490, Fax : 033-25299141 )  
 Laboratory : 189, 190, 192, 186 & 51 Rastraguru Avenue, Kolkata - 700028 ( 033-25792889 )  
 Email : info@envirocheck.in/envirocheck50@gmail.com / Website : www.envirocheck.in  
 Branch Office : • Siliguri • Maldia • Durgapur • Dhanbad • Gangtok • Port Blair • Dehradun • New Delhi  
 Overseas : • UAE • Qatar • Netherlands



# ENVIROCHECK

Recognised by MoEF & CC, WHPCB & JSPCB  
 Accredited by NABL (ISO/IEC 17025:2017) & NABET (CERTIFICATE NO. - NABET/BA/2326/IA 0117)  
 Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



## TEST REPORT

FORMAT NO: ENV/FM/38

|                           |                                                                        |                                             |                             |
|---------------------------|------------------------------------------------------------------------|---------------------------------------------|-----------------------------|
| Name of the Client        | : Eloquent Steel Pvt. Ltd.                                             | Type of Industry                            | : Ferro Alloy & SMS Unit    |
| Address                   | : Vill - Nakrajoria, P.O. - P.S. - Salanpur, Dist. - Paschim Bardhaman | Sampling date                               | : 03.02.2026                |
|                           |                                                                        | Date of received                            | : 09.02.2026                |
|                           |                                                                        | Date (s) of analysis                        | : 09.02.2026 - 10.02.2026   |
|                           |                                                                        | Date of issue                               | : 12.02.2026                |
| Sampling Plan & Procedure | : ENV/SOP/01/02                                                        | Deviation from the Sampling Method and Plan | : No                        |
| Sample Condition          | : Sealed                                                               | Sample ID No.                               | : ENV/07/Feb./A/V           |
| Sample Testing Location   | : Permanent Testing                                                    | Report ID No.                               | : ENV/07/Feb./TR(A)/V/25-26 |
|                           |                                                                        | Type of Sample                              | : Stack Emission            |

### A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

|                           |                                                 |                                            |        |
|---------------------------|-------------------------------------------------|--------------------------------------------|--------|
| Stack Attached to         | : Induction Furnace (03 nos.) (common stack)    |                                            |        |
| Shape of Stack            | : Circular                                      | Height of Stack (mtr.) (from G. L.)        | : 30.0 |
| Materials of Construction | : M.S.                                          | Stack I.D. at sampling point (mtr.)        | : 1.6  |
| Capacity                  | : 25 MT/each                                    | Height of sampling post (mtr.) (from G.L.) | : 15.0 |
| Emission Due to           | : Melting of Sponge Iron, Pig Iron, Scraps etc. |                                            |        |
| Fuel Used                 | : Electrically Operated                         | Permanent Platform & Ladder                | : Yes  |
| Working Fuel Consumption  | : Nil                                           |                                            |        |
| Pollution Control Device  | : Bag Filter                                    |                                            |        |

### B. RESULTS

| SL. NO.                                                | PARAMETERS           | UNIT                 | METHOD NO.        | RESULTS  |
|--------------------------------------------------------|----------------------|----------------------|-------------------|----------|
| 1.                                                     | Flue Gas Temperature | °C                   | IS 11255 (Part I) | 63.0     |
| 2.                                                     | Barometric Pressure  | mm of Hg.            | IS 11255 (Part I) | 762.0    |
| 3.                                                     | Velocity of Gas flow | m/s                  | IS 11255 (Part I) | 15.50    |
| 4.                                                     | Quantity of Gas flow | Nm <sup>3</sup> /hr. | IS 11255 (Part I) | 99772.95 |
| 5.                                                     | Particulate Matter   | mg/Nm <sup>3</sup>   | IS 11255 (Part I) | 18.65    |
| Remarks : Result relates only to the sample submitted. |                      |                      |                   |          |

Reviewed By :

(Durbadal Chakraborty)  
(Dy. Quality Manager)

Authorised Signatory :

(Dr. Ajoy Paul)  
(Quality Manager)

H.O. : 63/B, Rastraguru Avenue, Kolkata - 700028 ☎ 033-25792891/25497490, Fax : 033-25299141  
 Laboratory : 189,190,192,186 & 51 Rastraguru Avenue, Kolkata - 700028 ☎ 033-25792889  
 Email : info@envirocheck.in/envirocheck50@gmail.com / Website : www.envirocheck.in  
 Branch Office : • Siliguri • Haldia • Durgapur • Dhanbad • Gangtok • Port Blair • Dehradun • New Delhi  
 Overseas : • UAE • Qatar • Netherlands

## ANNEXURE- 2

# DAMODAR VALLEY CORPORATION



## AGREEMENT

EXECUTED ON 22nd day of September-2021

BETWEEN

DAMODAR VALLEY CORPORATION

AND

ELOQUENT STEEL PRIVATE LIMITED

For Supply of RAW WATER

FOR

INDUSTRIAL PURPOSE

AT

SARKURI

FROM

Maithon Reservoir

FOR

INDUSTRIAL (USES)

Allocated Quantity : 0.49 (Zero Point Four Nine) MGD

*Ranish Ranjan*  
Executive Engineer (C)  
Water, Tariff Cell  
RO'S Office, DVC, Maithon





পশ্চিমবঙ্গ পশ্চিম বঙ্গাল WEST BENGAL

### AGREEMENT

Supply of Raw Water  
For  
Industrial Use

This Agreement is made on this 22nd Day of September-2021

**BETWEEN**

**DAMODAR VALLEY CORPORATION**, a Corporation constituted under the Damodar Valley Corporation Act being Act No. XIV of 1948 (hereinafter referred to as "the said Act") and having its Headquarters of DVC Towers, VIP Road, Kolkata -700 054 in the state of West Bengal (hereinafter to as "the First Party", which term shall unless excluded by or repugnant to the subject or context include its successors-in-interest and assigns) of the ONE PART

**AND**

**M/S. ELOQUENT STEEL PRIVATE LIMITED**, a Limited Company, having their registered office at DIAMOND PRESTIGE, 41A, A/JC BOSE ROAD, 8 TH FLOOR, ROOM 801, KOLKATA 700017 in the state of West Bengal (Hereinafter referred to as "the Second Party" which term shall unless excluded by or repugnant to the subject or context include its successors-in-interest and/or permitted assigns) of OTHER PART.

*Ranish Roy*  
Executive Engineer (C)  
Water, Tariff Cell  
DVC (Name, UVA, Division)

## ANNEXURE- 3

## RAIN WATER HARVESTING POND



## ANNEXURE- 4



# ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB

Accredited by QCI / NABET

Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001 : 2018



## TCLP REPORT

|    |                      |   |                                                                      |
|----|----------------------|---|----------------------------------------------------------------------|
| 1. | Name of the Industry | : | Eloquent Steel Pvt. Ltd.                                             |
| 2. | Address              | : | Vill - Nakrajoria, P.O. + P.S. - Salanpur, Dist. - Paschim Bardhaman |
| 3. | Report No.           | : | ENV/487/TR(SLAG)/M/25-26                                             |
| 4. | Date of sampling     | : | 03.02.2026                                                           |
| 5. | Reporting Date       | : | 17.02.2026                                                           |
| 6. | Type of sample       | : | Slag                                                                 |
| 7. | Location             | : | Ferro Slag                                                           |

| Sl. No. | PARAMETERS    | METHOD                                                        | UNIT  | RESULTS |
|---------|---------------|---------------------------------------------------------------|-------|---------|
| 1.      | Iron (Fe)     | EPA 1311 : 1992 /<br>EPA 3050 B, 1996/EPA 200.9 : 1998        | mg./l | 10.26   |
| 2.      | Zinc (Zn)     | EPA 1311 : 1992 /<br>APHA 23 <sup>rd</sup> Ed., 3111 B : 2017 | mg./l | 7.80    |
| 3.      | Copper (Cu)   | EPA 1311 : 1992 /<br>EPA 3050 B, 1996/EPA 200.6 : 1998        | mg./l | 3.50    |
| 4.      | Nickel (Ni)   | EPA 1311 : 1992 /<br>APHA 23 <sup>rd</sup> Ed., 3111 B : 2017 | mg./l | 2.30    |
| 5.      | Lead (Pb)     | EPA 1311 : 1992 /<br>EPA 3050 B, 1996/EPA 200.9 : 1998        | mg./l | 1.25    |
| 6.      | Cadmium (Cd)  | EPA 1311 : 1992 /<br>EPA 3050 B, 1996/IS 3050 (Part 46)       | mg./l | 0.05    |
| 7.      | Chromium (Cr) | APHA 23 <sup>rd</sup> Ed., 3111 B : 2017                      | mg./l | 1.26    |

Remarks : Result relates only to the sample submitted.

Reviewed By :

*Shrabani Chatterjee*

(Shrabani Chatterjee)  
(Chemist)

Authorised Signatory :

*Dr. Ajoy Paul*

(Dr. Ajoy Paul)  
(Quality Manager)

<End of Report>

## ANNEXURE- 5

# J S Pigments Pvt. Ltd.

A Step of clean & green environment

Regd. Office: P-199/B, C.I.T. Road, Scheme VI (M), Kolkata - 700054, West Bengal

Recycling Unit: Vill & PO. Jarura, P.S. Polba, Delhi Road, Hooghly-712138, West Bengal

## Form - 6

[See rule 19]

### E-WASTE MANIFEST

Copy -1 (Yellow) : Sender Copy

|    |                                                            |                                                                                                                                    |
|----|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| 1  | Sender's name and mailing address<br>(including phone No.) | : Eloquent Steel Pvt Ltd,<br>: A Unit of Shakambhari Group,<br>: Nakrajoria, Salanpur, Paschim Bardhaman,<br>: West Bengal-713357. |
| 2  | Sender's authorisation No, if applicable.                  | : N/A                                                                                                                              |
| 3  | Manifest Document No.                                      | : 3570                                                                                                                             |
| 4  | Transporter's Name & Address<br>(including phone No.)      | : Self<br>:<br>:                                                                                                                   |
| 5  | Type of Vehicle                                            | : (Truck/ Tanker/ Special Vehicle)                                                                                                 |
| 6  | Transporter's Registration No.                             | : N/A                                                                                                                              |
| 7  | Vehicle Registration No.                                   | : WB 17 6100                                                                                                                       |
| 8  | Receiver's Name & Address<br>(including phone No.)         | : J S Pigments Pvt Ltd,<br>: Vill & PO. Jarura, P.S. Polba, Delhi Road, Hooghly-712138, WB<br>: +91 33 2320 2656 I                 |
| 9  | Receiver's authorization No, if applicable.                | : WRPCB: 23/25(HW)/(EN)-3011/2014                                                                                                  |
| 10 | Description of E-waste (Item, Weight/Numbers)              | : Electrical Scrap.                                                                                                                |

11 Name and stamp of Sender\* (Manufacturer or Producer or Bulk Consumer or Collection Centre or Refurbisher or Dismantler):

Date: 10/10/2025

Stamp & Signature

12 Transporter Acknowledgement of receipt of E-Wastes.

Date: 10/10/2025

Stamp & Signature

13 Receiver\* (Collection Centre or Refurbisher or Dismantler or Recycler) certificate of receipt of E-waste.

Date: 10/10/2025

Stamp & Signature

## ANNEXURE- 6

## GREENBELT PHOTOGRAPHS





## ANNEXURE- 7

## PAVER BLOCK & RCC ROAD PHOTOGRAPHS





## ANNEXURE- 8



# ENVIROCHECK

Recognised by MoEF & CC, WRPCB & JSPCB

Accredited by NABL (ISO/IEC 17025:2017) & NABET (CERTIFICATE NO. - NABET/RIA/2326/1A 0117)

Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



FORMAT NO. ENV/FM/40

## TEST REPORT

|                           |                                                                       |                                             |                                    |
|---------------------------|-----------------------------------------------------------------------|---------------------------------------------|------------------------------------|
| Name of the Client        | : Eloquent Steel Pvt. Ltd.                                            | Type of Industry                            | : Steel & Power Unit               |
| Address                   | : VIII - Nakrajoria, P.O. + P.S. - Salanpur, Dist - Paschim Bardhaman | Sampling Date                               | : 03.02.2026                       |
|                           |                                                                       | Date of Received                            | : 09.02.2026                       |
|                           |                                                                       | Date(s) of Analysis                         | : 09.02.2026 - 13.02.2026          |
|                           |                                                                       | Date of Issue                               | : 14.02.2026                       |
| Sampling Plan & Procedure | : ENV/SOP/01/03                                                       | Deviation from the Sampling Method and Plan | : No                               |
|                           |                                                                       | Type of Sample                              | : Industrial Effluent Water (Grab) |
| Location                  | : Recycling Water Tank (After Treatment)                              | Sample Condition                            | : Sealed                           |
|                           |                                                                       | Sample ID No.                               | : ENV/11/Feb./W/1                  |
| Report ID No.             | : ENV/11/Feb./TR(W)/L/25-26                                           | Testing Location                            | : Permanent Testing                |

| SL. NO. | PARAMETERS                | TEST METHOD     | UNIT | RESULTS | LIMIT     |
|---------|---------------------------|-----------------|------|---------|-----------|
| 1.      | pH                        | IS 3025 Part 11 | -    | 6.93    | 5.5 - 9.0 |
| 2.      | Total Suspended Solids    | IS 3025 Part 17 | mg/l | 31.78   | 100.0     |
| 3.      | Oil & Grease              | IS 3025 Part 39 | mg/l | <4.0    | 10.0      |
| 4.      | Chemical Oxygen Demand    | IS 3025 Part 58 | mg/l | 58.08   | 250.0     |
| 5.      | Biochemical Oxygen Demand | IS 3025 Part 44 | mg/l | 8.0     | 30.0      |

Remarks : a) Limit value as per Schedule VI inserted by Rule 2(d) of the Environment (Protection) Second Amendment Rules, 1993 notified vide G.S.R. 422(E) dated 19.05.1993, published in the Gazette No. 174 dated 19.05.1993.

b) Result relates only to the sample Submitted.

c) Sample collected by Envirocheck and sent lab for testing in sealed condition.

Reviewed By:

*Shrabani Chatterjee*

(Shrabani Chatterjee)  
(Chemist)

Authorised Signatory:

*Dr. Ajoy Paul*

(Dr. Ajoy Paul)  
(Quality Manager)

<End of Report>

H.O. : 63/B, Rastraguru Avenue, Kolkata - 700028 { 033-25792891/25497490, Fax : 033-25299141  
Laboratory : 189,190,192,186 & 51 Rastraguru Avenue, Kolkata - 700028 { 033-25792889  
Email : info@envirocheck.in/envirocheck50@gmail.com / Website : www.envirocheck.in  
Branch Office : • Siliguri • Haldia • Durgapur • Dhanbad • Gangtok • Port Blair • Dehradun • New Delhi  
Overseas : • UAE • Qatar • Netherlands

## ANNEXURE- 9

NOC NO180715

PEED POST



## WEST BENGAL POLLUTION CONTROL BOARD

Paribesh Bhawan  
10A, Block-LA, Sector-III  
Bidhannagar, Kolkata-700106

Memo No. 241-2N-68/2021(B)

Dated 08.05.2023

From :  
Member Secretary,  
West Bengal Pollution Control Board

To: M/s. ELOQUENT STEEL PRIVATE LIMITED,  
"Diamond Prestige", 41A, A.J. C. Bose Road, 6th Floor, #801,  
Kolkata - 700017.

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

Ref: 1) Your letter No. N/A Dated 26.04.2023  
ii) EC obtained from MOEF&CC vide EC Identification No. EC23AD08WB  
135416, File No. J-11011/188/2011-IA.II(1) dated 16.03.2023.

Dear Sirs,

In response to the application for Consent to Establish (NOC) for proposed Unit of M/s. ELOQUENT Steel Private Limited 336,000TPA Billet Production alongwith rolling for manufacturing/storage/installation 210,000TPA rolled product, installation of 150,000TPA Briquette Plant, 100,000TPA Sinter Plant and addition of pig Iron as product from the existing Submerged Arc Furnace in existing\*

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.

- \* Project site located at Village-Nakrajoria, P.O.-Salanpur, Dist.-Paschim Bardhaman, West Bengal, Pin-713357.
- 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 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.

*[Signature]*  
Chief Engineer  
W. B. Pollution Control Board  
Dept. of Environment, Govt. of W.B.

NOC NO180715

7. You shall comply with
- (i) Water (Prevention and Control of Pollution) Cess Act, 1977, if applicable.
  - (ii) Water (Prevention and Control of Pollution) Cess Act, 1978, if applicable.
  - (iii) Environment (Protection) Act, 1986
  - (iv) Environment (Protection) Rules, 1986
  - (v) Hazardous Wastes (Management and Handling) Rules, 1989 and Amended Rules, 2000
  - (vi) Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 and Amended Rules, 2000
  - (vii) Manufacture, Use, Import and Storage and Hazardous Micro-Organisms, Genetically Engineered Organisms or Cell Rules, 1989
  - (viii) The Public Liability Insurance Act, 1991 and Amended Act, 1992
  - (ix) The Public Liability Insurance Rules, 1991 and Amended Rules 1993
  - (x) Biomedical Wastes (Management & Handling) Rules, 1988 and Amended Rules 2000 if applicable.
  - (xi) Recycled Plastics Manufacture and Usage Rules 1999, if applicable and
  - (xii) Ozone Depleting Substances (Regulation & Control) Rules, 2000, if applicable
8. You will have to abide by any other stipulations as may be prescribed by any authority/local bodies/Government Departments etc.

**SPECIAL CONDITION:**

- 1) Refer to Annexure attached herewith.
- ii) The Gross Capital Investment for the project is Rs.120 Crores (Rupees One ~~hundred~~ hundred and Twenty Crores).

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

Yours faithfully,

*[Signature]*  
Member Secretary/Chief Engineer  
West Bengal Pollution Control Board (EIN CELL)

Memo No. 241 - 24-68/2021 (S) Dtd. 03/05/2023  
Copy forwarded for information to :

Dated: 03/05/2023  
Chief Engineer  
W. B. Pollution Control Board  
Dept. of Environment, Govt. of W.B.

1. Chief Inspector of Factories, Government of West Bengal, N. S. Building, Kolkata-700 001
2. Director of Industries/Director of Cottage & Small Scale Industries, Government of West Bengal, N. S. Building, Kolkata-700 001
3. Guard file, West Bengal Pollution Control Board.
4. Environmental Engineer, VIII Alipur R.O./Howrah R.O./Hooghly R.O./B.R.O./D.R.O./Haldia R.O./S.R.O./Malda R.O./Asansol R.O./WBPC Board.
5. Alipore Regional Office  
"Ministry Bhawan", 5th Floor, 12, Biplobi  
Kamallal Bhattacharya Sarani, Alipore,  
Kolkata-700 027  
Tel No. 033-2448-5553  
Tel No. 033-2448-5554
6. Durgapur Regional Office  
Sahid Khudiram Sarani,  
City Centre, Durgapur,  
Paschim Bardhaman-713 216  
Tel No. 0343-2546708  
Telefax No. (0343) 2544915
7. Baranpore Regional Office  
Paripur More, Kalyani Expressway,  
VII, Paripur, P.O.-Narayanganj,  
Dist. 24-Parganas (N), Pin-743 126  
Telefax No. 033-2587 0573
8. Asansol Regional Office  
Kalyanpur Satellite Township Project (KSTTP), Dr. B.C. Roy  
Road, P.O. - Dakshin Dhabda, P.S. Asansol  
(North), Dist. Paschim Bardhaman,  
Asansol-713 302  
Tel No. 0341-2992090  
0341-2992091
9. Haldia Regional Office  
Mouza : Raghunathchak, PS : Bhabanipur  
(Formerly Sutahara), PO : Barghasipur  
Dist. Purba Medinipur, Pin : 721 357  
Tel No. 03224-291293/94
10. Hooghly Regional Office  
Hindraya Bhawan, Debi Road, Dankuni,  
Hooghly, Pin : 712 311  
Telefax No. 033-2558-0857
11. Howrah Regional Office  
"Ministry Bhawan", 5th Floor, 12, Biplobi  
Kamallal Bhattacharya Sarani, Alipore,  
Kolkata-700 027  
Tel No. 033-2448-2219/2223
12. Kolkata Regional Office  
Main Square, Block No. 8/T, Western  
Side, 8th floor, 104/1, Manikara Main Road,  
Kolkata-700 054  
Tel No. 033-2320-0039 / 9336288884
13. Malda Regional Office  
Paribesh Bhawan,  
VII- Abhirampur, P.O. : Mokundpur  
P.S. : English Bazar Malda-732 103  
Tel No. 05612-233449
14. Siliguri Regional Office  
Main Square, Block No. 8/T, Western  
Side, 8th floor, 104/1, Manikara Main  
Road, Kolkata-700 054  
Tel No. 2330-0097 / 9336868729
15. Siliguri Regional Office  
Paribesh Bhawan, P.O. : Matigara, Siliguri,  
Dooars, Pin-734 010  
Tel No. 0353-257 1115  
Telefax No. 0353-257 1113

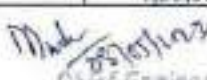
*[Signature]*  
Member Secretary/Chief Engineer  
West Bengal Pollution Control Board  
(EIN CELL)  
Chief Engineer  
W. B. Pollution Control Board  
Dept. of Environment, Govt. of W.B.

**Annexure – I to NOC NO180715**

**Issued to: M/s Eloquent Steel Private Limited, Vill- Nakrajoria, PO- Salanpur, Dist-Paschim Bardhaman, West Bengal – 713357**

**UNIT CONFIGURATION AND CAPACITY**

| Sl. No. | Plant Equipment/Facility                                            | Existing facilities as per EC dated 28.07.2008, 11.12.2008, 03.09.2012 and 20.09.2012 |                              |                                             |                             | Proposed Units                                                                                         | Final (Existing + Proposed)                                                                                                                                                              |                            | Remarks |
|---------|---------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------------|---------------------------------------------|-----------------------------|--------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------|
|         |                                                                     | Total (A+B)                                                                           | Implemented (A)              | Unimplemented (B)                           | As per CTO                  |                                                                                                        |                                                                                                                                                                                          |                            |         |
|         |                                                                     | Conf. & Capacity                                                                      | Conf. & Capacity             | Conf. & Capacity                            | Conf. & Capacity            |                                                                                                        | Configuration Capacity TPA                                                                                                                                                               | Configuration Capacity TPA |         |
| 1       | Steel Melting Shop (Induction Furnace)                              | 4x7 Ton                                                                               | 4x7 Ton                      | -                                           | 4x7 Ton                     | Modification of Existing 4x7Ton IF to 4x8 Ton + Installation of 2x8Ton IF with LRF (1x8T) & 1x4/7m CCM | 6x8 Ton Induction Furnace with 1x8 Ton LRF and 2x4/7m CCM                                                                                                                                | Total 336,000 Billets      | -       |
|         |                                                                     | 106004TPA MS Ingots                                                                   | 106004TPA MS Ingots          | -                                           | 106004TPA MS Ingots         | 164,500 Billets                                                                                        | 164,500 Billets                                                                                                                                                                          |                            |         |
|         |                                                                     | -                                                                                     | -                            | -                                           | -                           | Installation of 2x25Ton IF With 1x25 Ton LRF and 3x6/11m CCM                                           | 2x25 Ton IF with 1x25 Ton LRF and 3x6/11m CCM                                                                                                                                            |                            |         |
|         |                                                                     | -                                                                                     | -                            | -                                           | -                           | 171,500 Billets                                                                                        | 171,500 Billets                                                                                                                                                                          |                            |         |
| 2       | Ferro-Alloy Plant with Metal recovery Plant (Submerged Arc Furnace) | 5x7.5MVA +1x5.5 MVA                                                                   | 3x7.5MVA +1x5.5 MVA          | 2x7.5 MVA                                   | 3x7.5 MVA +1x5.5 MVA        | Proposed for addition of Pig Iron production Without adding any additional facilities                  | 3x7.5 MVA +1x5.5 MVA SAF with metal recovery Plant                                                                                                                                       | -                          | -       |
|         |                                                                     | Fe-Mn 76,131<br>Si-Mn 54,629<br>Fe-Si 9000                                            | Fe-Mn 59,052<br>Si-Mn 43,235 | Fe-Mn 17,079<br>Si-Mn 11,394<br>Fe-Si 9,000 | Fe-Mn 59052<br>Si-Mn 43,235 | Pig Iron-76400                                                                                         | Fe-Mn- 59,052, or<br>Si. Mn- 43,236, or<br>Fe Si – 22,680, or<br>High Carbon Ferro Chrome –59,052, or<br>Ferro Silico Chrome –33,480, or<br>Pig Iron-76,400, or<br>in combination of any | -                          | -       |
| 3       | Rolling Mill                                                        | -                                                                                     | -                            | -                                           | -                           | 600 TPD<br>2,10,000 Rolled Products (TMT Bar, MS Round & Wire Rod)                                     | 600TPD<br>2,10,000 Rolled Products (TMT Bar, MS Round & Wire Rod)                                                                                                                        | -                          | -       |
| 4       | Reheating Furnace                                                   | -                                                                                     | -                            | -                                           | -                           | 1 x 25 TPH                                                                                             | 1 x 25 TPH                                                                                                                                                                               | -                          | -       |
| 5       | Sinter Plant                                                        | 300 TPD                                                                               | -                            | 300 TPD                                     | -                           | 300 TPD<br>1,08,000                                                                                    | 300 TPD<br>1,08,000                                                                                                                                                                      | -                          | -       |
| 6       | Briquette Plant                                                     | -                                                                                     | -                            | -                                           | -                           | 1x25 TPH<br>1,50,000                                                                                   | 1x25 TPH<br>1,50,000                                                                                                                                                                     | -                          | -       |

  
 Chief Engineer  
 W. B. Pollution Control Board  
 Dept. of Environment, Govt. of W.B.

**Annexure – II to NOC NO180715**

**Issued to: M/s Eloquent Steel Private Limited, Vill- Nakrajoria, PO- Salanpur, Dist-Paschim Bardhaman, West Bengal – 713357**

**AIR POLLUTION CONTROL DEVICE DETAILS WITH STAK**

| Sl No | Name of the Unit             | Configuration                           | APC Details | Stack Height from GL | Remarks                                                                                        |
|-------|------------------------------|-----------------------------------------|-------------|----------------------|------------------------------------------------------------------------------------------------|
| A     | FERRO DIVISION               |                                         |             |                      |                                                                                                |
| 1     | Sub-merged Arc Furnace (SAF) | 1x7.5 MVA                               | Bag Filter  | 36m                  | Existing Units                                                                                 |
| 2     |                              | 1x7.5 MVA                               | Bag Filter  | 36m                  |                                                                                                |
| 3     |                              | 1x7.5 MVA                               | Bag Filter  | 36m                  |                                                                                                |
| 4     |                              | 1x5.5 MVA                               | Bag Filter  | 36m                  |                                                                                                |
| B     | SMS DIVISION                 |                                         |             |                      |                                                                                                |
| 1     | Induction Furnace with LRF   | 3x8 Ton Ind. Furnace                    | Bag Filter  | 30m                  | Modification of existing 4x7Ton IF to 4x8 Ton + New Installation of 2x8 Ton IF with LRF (1x8T) |
| 2     |                              | 3x8 Ton Ind. Furnace with 1x8 Ton LRF   | Bag Filter  | 30m                  |                                                                                                |
| 3     | Induction Furnace with LRF   | 2x25 Ton Ind. Furnace with 1x25 Ton LRF | Bag Filter  | 30m                  | Proposed Units                                                                                 |
| C     | Rolling Mill Division        |                                         |             |                      |                                                                                                |
| I     | Re-Heating Furnace           | 1x25 TPH                                | Bag Filter  | 30m                  | Proposed Units                                                                                 |
| D     | Sinter Plant                 | 1x300 TPD                               | Bag Filter  | 30m                  |                                                                                                |
| E     | Briquette Plant              | 1x25 TPH                                | Bag Filter  | 30m                  |                                                                                                |
| F     | DG Set                       | 2x500 KVA                               | -           | 8.5m                 |                                                                                                |

*W.B. Pollution Control Board*  
*Chief Engineer*  
*W. B. Pollution Control Board*  
*Dept. of Environment, Govt. of W.B.*

**Annexure – III to NOC NO180715**

**Issued to: M/s Eloquent Steel Private Limited, Vill- Nakraoria, PO- Salanpur, Dist-Paschim Bardhaman, West Bengal – 713357**

**A) Emission:**

- I. The DG sets and Boilers shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.
- II. Storage of raw materials, coal etc. shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
- III. National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R.608(E) dated 21<sup>st</sup> July, 2010 and amended from time to time shall be followed.
- IV. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R.No.826 (E) dated 16<sup>th</sup> November, 2009 shall be complied with.

**B) Effluent :**

- I. Process – To be treated in effluent treatment plant (ETP). Zero liquid discharge to be ensured as committed.
- II. Domestic – To be treated in integrated waste water treatment plant (STP). Treated effluent to be reused.

**C) Solid Waste & Hazardous Waste:**

- I. The PP should comply with the provisions of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 or any amendments thereafter.
- II. Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.
- III. Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.
- IV. Municipal solid wastes to be disposed off as per the Solid Waste Management Rules, 2016.

**D) General:**

- I. Noise Control – Ambient noise & D.G. Set noise level not to exceed the permissible limit.
- II. 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.
- III. Water bodies exist within the project site should not be disturbed.
- IV. Action to be taken to control fugitive emission.
- V. Fire License to be obtained from competent authority.
- VI. The unit should obtain authorization from this Board under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
- VII. Good housekeeping to be maintained.

*Muk*  
Chief Engineer  
W. B. Pollution Control Board  
Dept. of Environment, Govt. of W.B.

- VIII. No expansion / modification to be carried out without permission from this Board.
- IX. The unit should obtain Consent-to- Operate for the proposed project from the State Board before starting manufacturing activities.
- X. Statutory clearance/license from competent authorities, as applicable to be obtained.
- XI. All conditions laid down in the Environmental Clearance obtained for the project from MoEF & CC, Govt, vide EC Identification No. – EC23A008WB135416 File No. – J-11011/188/2011-IA.II(i) dated 16/03/2023 be strictly complied with.
- XII. This 'Consent to Establish' is valid up to 31.05.2030 for setting up the unit.

  
Chief Engineer (EIM Cell)

West Bengal Pollution Control Board

Chief Engineer  
W. B. Pollution Control Board  
Dept. of Environment, Govt. of W.B.

# WEST BENGAL POLLUTION CONTROL BOARD

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



Consent Letter Number : C0134657

Memo Number : 195-WPB/3/Reg/BWB/cont/581/07

Date : 8.5.2023

## Consent to Operate

under

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

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

M/s. Eloquent Steel Private Limited

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

(hereinafter referred to as Applicant) for its unit located at Vill - Nakrajmda, PO - PS -

Salanpur, Dist - Paschim Bardhaman, PIN - 713357

(Detailed address of the manufacturing unit)

for a period from date of issue to 30/04/2022

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.)

## ANNEXURE

Consent to M/s. Eloquent Steel Private Limited  
 for its unit at vill- Nakraporia, PO & PS- Salampur, Dist- Paschim  
Bardhaman, PIN- 713357

Conditions :

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

| Sl. No. | Name of major products and by-products | Quantity manufactured per month |
|---------|----------------------------------------|---------------------------------|
| 01      | Ferro Manganese                        | 4921 tonnes or                  |
| 02      | Silico Manganese                       | 3603 tonnes or                  |
| 03      | High Carbon Ferro Chrome               | 4921 tonnes or                  |
| 04      | Ferro Silicon                          | 1890 tonnes or                  |
| 05      | Ferro Silico Chrome                    | 2790 tonnes                     |
| 06      | Ferro Manganese Slag (by-product)      | 4180 tonnes                     |
| 07      |                                        |                                 |
| 08      |                                        |                                 |
| 09      |                                        |                                 |
| 10      |                                        |                                 |
| 11      |                                        |                                 |
| 12      |                                        |                                 |

02. The Applicant shall remain responsible for quantity and quality of liquid effluent and air emissions.
03. Daily discharge of industrial liquid effluent shall not exceed ..... KL.
04. Daily discharge of domestic liquid effluent shall not exceed 4.0 KL.
05. Daily discharge of mixed (industrial & domestic) liquid effluent shall not exceed ..... KL.
06. The Applicant shall discharge liquid effluent to Spak pit (place of discharge)  
 through one (01) nos. outlets / outfalls.
07. To bring into any altered or new outlet/outfall or to change the place of discharge, the Applicant shall have to inform the Board and obtain prior permission of the Board in this effect.
08. The Applicant shall provide comprehensive facility for treatment of industrial liquid waste and domestic liquid waste (sewage, sullage and liquid effluent generated from canteen), and operate and maintain the same continuously so that the quality of final effluent conforms to the Standard as given in Table-I in page 03.

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

Continued.....



(4)

Consent to M/s Eloquent Steel Private Limited  
 for its unit at vill- Nakrapur, P.O. PS- Salarpur Dist -  
Paschim Bardhaman, PIN- 713357

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

Table-II

| Stack No. | Stack height from G.L. (in mts.) | Stack attached to (sources and control system, if any): | Volume Nm <sup>3</sup> /hr. | Velocity of gas emission m/sec | Concentrations of parameters not to exceed |           |  |  | Frequency of emission sampling |
|-----------|----------------------------------|---------------------------------------------------------|-----------------------------|--------------------------------|--------------------------------------------|-----------|--|--|--------------------------------|
|           |                                  |                                                         |                             |                                | SPM (mg/Nm <sup>3</sup> )                  | CO (%v/v) |  |  |                                |
| S-1       | 36m                              | 1 x 5.5 MVA SEAF                                        |                             |                                | 100                                        |           |  |  | Quarterly                      |
| S-2       | 36m                              | 1 x 7.5 MVA SEAF                                        |                             |                                | 100                                        |           |  |  | Quarterly                      |
| S-3       | 36m                              | 1 x 7.5 MVA SEAF                                        |                             |                                | 100                                        |           |  |  | Quarterly                      |
| S-4       | 36m                              | 1 x 7.5 MVA SEAF                                        |                             |                                | 100                                        |           |  |  | Quarterly                      |
| S-5       | 12m                              | 2 x 250 KVA DG Set                                      |                             |                                | 150                                        |           |  |  | yearly                         |
| S-6       |                                  | /                                                       |                             |                                |                                            |           |  |  |                                |
| S-7       |                                  |                                                         |                             |                                |                                            |           |  |  |                                |
| S-8       |                                  |                                                         |                             |                                |                                            |           |  |  |                                |
| S-9       |                                  |                                                         |                             |                                |                                            |           |  |  |                                |
| S-10      |                                  |                                                         |                             |                                |                                            |           |  |  |                                |

11/08/23

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

Continued.....

(5)

Consent to M/s Eloquent Steel Private Limited  
 for its unit at vill- Nakrajoria, PO & P.S- Salanpur, Dist- Paschim Bardhaman, PIN- 713357

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          |                           | 2x250 KVA DG Set                              |
| 02     |              |                           |                                               |
| 03     |              |                           |                                               |
| 04     |              |                           |                                               |
| 05     |              |                           |                                               |

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

| Type of waste | Quantity | Treatment | Disposal |
|---------------|----------|-----------|----------|
|               |          |           |          |
|               |          |           |          |

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 09 p.m.)   | 75                      |
| Night Time (09 p.m. to 06 a.m.) | 70                      |

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

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

Continued.....

Consent to M/s Eloquent Steel Private Limited  
 for its unit at vill- Nakrapuria, PO & PS- Salanpur, Dist- Paschim  
Bardhaman, PIN- 713357

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

#### Additional Conditions

1. This consent letter may be revoked at any time on ground of valid public complaint against your unit with environmental law enforcement agency.
2. Chrome ore must be stored in a secured place.
3. All precaution to be taken to minimize fugitive emission.
4. No additional machinery to be installed without prior permission from the State Board.

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

08/05/13

### Annexure I

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

| Type of Waste                                     | Quantity<br>(Metric Tonnes/Month) | Method for treatment and disposal                                                                                 |
|---------------------------------------------------|-----------------------------------|-------------------------------------------------------------------------------------------------------------------|
| FERRO MANGANESE SLAG OR                           | 4180.0                            | Shall be used for the Production of Silico Manganese                                                              |
| SILICO MANGANESE SLAG OR                          | 3060.0                            | Shall be used as aggregate for road making & land filling                                                         |
| HIGH CARBON FERRO CHROME SLAG OR                  | 4180.0                            | After Chrome recovery the tailing material shall be used as stone chips & after TCLP test for landfilling purpose |
| FERRO SILICON SLAG OR                             | 95.0                              | Shall be sold to cement industries as raw material and also used for medium carbon Si-Mn production               |
| FERRO SILICO CHROME SLAG OR in combination of any | 140.0                             | To be sold to cement industries as raw material & after TCLP test for road constructions                          |
| Bag Filter Dust                                   | 170.0                             | Shall be recycled back in the process plant                                                                       |

  
Environmental Engineer  
Asansol Regional Office



## Government of West Bengal

This document having UDIN **24-G-GA000004-C-1713862700190** has been created by **WEST BENGAL POLLUTION CONTROL BOARD** with authorised person's Aadhaar no XXXXXXXX9477 on **02:28PM, April 23, 2024**.

This document is available at UDIN platform till 02:28PM, April 23, 2029.



*Gibansa Mondal*

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



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

**Category of the Industry : RED**

**Application Type: CTO**

**CTO No.: WBPCB/4029628/2023**

**Date : 23/04/2024**

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

**Reference: Application No.: 4029628**

The West Bengal Pollution Control Board (hereinafter referred to as State Board) under the provisions of Section 25 & 26 of the Water (Prevention and Control of Pollution) Act, 1974 as amended and Section 21 of the Air (Prevention and Control of Pollution) Act, 1981 as amended, and Rules and Orders made thereunder hereby grants Consent to **Eloquent Steel Pvt.Ltd** (hereinafter referred to as Applicant) for its unit located at **Vill-Nakrajoria, PO & PS-Salanpur, Dist-Paschim Bardhaman (WB), Pin-713357** for the period from **23/04/2024 to 30/04/2028** to operate the industrial unit/project and to discharge liquid effluent and gaseous emission from the premises / land of the industrial unit/project, in accordance with the conditions as mentioned below, provided that on any day at any instance the quantity and quality of liquid discharge and gaseous emission shall not exceed the permissible limit as specified in this consent letter and in the Environment (Protection) Act, 1986 and Rules thereunder, as amended.

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

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

**Conditions :**

- 1 This Consent is valid for the following activities :

| Sl.No | Name of Activity/Products/By-products                                      | Production Capacity (Per Month) |
|-------|----------------------------------------------------------------------------|---------------------------------|
| 1     | Sinter 300 TPD (Ferro Div.)                                                | 9000 Metric Tonnes/Month        |
| 2     | Briquette 1 X 25 TPH (Ferro Div. )                                         | 12500 Metric Tonnes/Month       |
| 3     | Pig Iron from Existing 3x7.5 MVA+1x5.5 MVA SAFs with Metal Recovery Plant. | 6367 Metric Tonnes/Month        |

- 2 The industry shall remain responsible for quantity and quality of liquid effluent and air emission.

- 3 Daily waste water generation and discharge shall not exceed :

| No. of outlets | Source of Waste Water | Quantity in Kilo Liters/day | Place of discharge |
|----------------|-----------------------|-----------------------------|--------------------|
|                | Process & domestic    | Nil                         | Recycle & reuse    |

- 4 To bring into any altered or new outlet / outfall or to change the place of discharge, the industry shall have to inform the Board and obtain prior permission of the Board in this effect.

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

WBPCB/4029628/2023

Page 1



- 5 The industry shall provide comprehensive facility for treatment of industrial liquid waste and domestic liquid waste (sewage, sullage and liquid effluent generated from canteen), and operate and maintain the same continuously so that the quality of final effluent conforms to the Standard as given below:

| Outlet No. | Nature of effluent | Parameters and standard |           |      | Frequency of sampling |
|------------|--------------------|-------------------------|-----------|------|-----------------------|
|            |                    | Parameters              | Standards | Unit |                       |

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

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

| SL NO. | Purpose of Water Use     | Quantity (KL/Day) |
|--------|--------------------------|-------------------|
| 1.     | Domestic                 | 1.0               |
| 2.     | Others(Dust Suppression) | 6.0               |

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



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

WBPCB/HQ29628/2021

Page 2



| Stack height from ground level (m) | Stack attached to emission sources | Capacity of emission source | Cons-up-Unit       | Fuel details |                         | Control system (if any)                                                   | Concentrations of parameters not to exceed |        |                     |              |               |               |        | Frequency of sampling | Remarks |
|------------------------------------|------------------------------------|-----------------------------|--------------------|--------------|-------------------------|---------------------------------------------------------------------------|--------------------------------------------|--------|---------------------|--------------|---------------|---------------|--------|-----------------------|---------|
|                                    |                                    |                             |                    | Fuel used    | Quantity                |                                                                           | PM (mg/N m3)                               | CO (%) | Acid Mist (mg/N m3) | Pb (mg/N m3) | SO2 (mg/N m3) | NOX (mg/N m3) | Others |                       |         |
| 8.5                                | DG Set                             | 500                         | KVA                | HSD          | Metric Tonnes/Day       |                                                                           | 150                                        |        |                     |              |               |               |        | Yearly                |         |
| 8.5                                | DG Set                             | 500                         | KVA                | HSD          | Metric Tonnes/Day       |                                                                           | 150                                        |        |                     |              |               |               |        | Yearly                |         |
| 30                                 | Furnace                            | 300                         | Metric Tonnes/Day  | Coke Fines   | 720 Metric Tonnes/Month | Cyclone separator & Bag Filter attached with Sinter Plant                 | 30                                         |        |                     |              |               |               |        | Quarterly             |         |
| 30                                 | Briquetting Plant                  | 25                          | Metric Tonnes/Hour | LDO/LSHS     | 221 Kilo Liters/Month   | Cyclone Separator and water spraying system attached with Briquette Plant | 30                                         |        |                     |              |               |               |        | Quarterly             |         |

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

| S.No | Description of Waste             | Quantity                 | Treatment and Disposal                    |
|------|----------------------------------|--------------------------|-------------------------------------------|
| 1    | APCD Dust from Sinter Plant      | 345 Metric Tonnes/Month  | Shall be reused in Sinter Plant           |
| 2    | APCD Dust From Briquetting Plant | 580 Metric Tonnes/Month  | Shall be reused in Briquetting plant      |
| 3    | Pig Iron Slag                    | 3100 Metric Tonnes/Month | Used in cement industries as raw material |

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

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

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

WBPCB/HQ/29628/2023

Page 3



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

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

- 13 The industry shall at all times maintain good house-keeping and control pollution (including fugitive emissions) from all sources to maintain clean environment in & around factory premises and in surrounding areas.
- 14 The Industry shall bring about at least 33% of the total land area under the tree cover.
- 15 The Industry shall provide sufficient alternate electric power source like Green DG or Storage Battery System etc. to operate all pollution control facilities. In absence of such alternate power source, the production shall be stopped/controlled to conform to the conditions of the Consent.
- 16 The industry shall install a separate energy meter showing the consumption of energy for operation of pollution control devices and shall install suitable device for measuring the volume of water consumed for different purposes as mentioned in SL.No. 3.
- 17 The Industry shall provide drainage system for discharge of industrial and domestic effluent and a separate drainage system for storm-water.
- 18 The industry shall maintain a separate register showing consumption of chemicals used in pollution control systems.
- 19 The Industry shall get the samples of hazardous wastes / leachates analysed at least once in a year from a laboratory recognised by the West Bengal Pollution Control Board and ensure that they conform to the limits stipulated. Test reports shall be sent to the Board.
- 20 The Industry shall submit the Environmental Statement Report for the financial year ending 31st March of the current year in the prescribed form (Form IV) as required under the provisions of Rule 14 of the Environment (Protection) [Second Amendment] Rules, 1992 by 30th September of every year, to the WBPCB.
- 21 The Industry shall allow the officers of the State Board to enter into the premises of the unit at any reasonable time to inspect the pollution control systems and shall provide adequate and safe facility for collection of air, wastewater and solid waste samples for monitoring by the State Board as well as by authorized agencies of the State Board, as and when required by them.
- 22 The industry shall maintain an Inspection Book in the factory premises which shall be made available to inspecting officers of the State Board for inspection, review and to write down any direction or observation as is deemed necessary during the inspection.
- 23 The Industry shall furnish to the State Board all information in respect of quality, quantity, rate of discharge, place of discharge of liquid effluent and air emission.
- 24 The Industry shall maintain adequate number of qualified and trained personnel among its staff for proper maintenance and operation of the effluent treatment and/or emission control devices and for overall environment management of the industry.
- 25 The Industry shall have to make registration for the use of groundwater if any, with State Water Investigation Directorate (SWID).
- 26 The Industry shall intimate to the State Board immediately of any occurrence or apprehension of occurrence of discharge of any poisonous, noxious or pollutants in excess of quality as well as quantity as mentioned earlier to any receiving water body/receiving system or to atmosphere owing to accident or other unforeseen incident/event including natural disaster. The Applicant shall (i) take all steps adequate to prevent such accident discharge / release of poisonous, noxious or pollutants and to limit their consequences to persons and the environment, (ii) provide to the persons working on the site with the information, training and equipment including antidotes necessary to ensure their safety and mitigate the accidental release of poisonous noxious or pollutants to the environment.

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

WBPCB/HQ/29628/2023

Page 4



27. If the Industry is using Diesel Generator set or generating any other hazardous waste, it should install a Digital Display Board to discriminate all information as stipulated in this regard.
28. The industry shall make an application to the State Board in the prescribed form for renewal of the consent at least 120 (one hundred & twenty) days before the date of expiry of this Consent.
29. The industry shall not make any alteration / expansion / modification in the existing manufacturing process and equipment, pollution control system and shall not alter or bring in any new outlet/outfall or stack or change the place of discharge, without prior approval of the Board.
30. The industry shall comply with all applicable Environmental Acts and Rules.
31. The Industry shall comply with the provisions of relevant Waste Management Rules and also submit Annual Returns / Manifests on regular basis.
32. Concealing factual data or submission of false or fabricated data/information may result in revocation of Consent to Operate and attract action under the provisions of the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981.

#### Special Conditions:

1. The unit shall operate in compliance with the conditions imposed in the EC issued by the MoEF&CC, GoI vide no. J-11011/188/2011-IA.II(I) dt. 16.03.2023 and NOC by the State Board vide no. 241-2N-68/ 2021(E ) dt. 08.05.2023.
2. The National Ambient Air Quality Emission Standards issued by the MoEF&CC, GoI vide G.S.R.No.826(E ) dt. 16.11.2009 shall be complied with.
3. Good house-keeping shall be maintained.
4. Necessary action shall be taken to control fugitive emission.
5. Green belt shall be developed as per the EC condition and compliance report shall be submitted to the State Board.
6. The EC and CTE conditions including plantation shall be fully complied with.
7. In case of non-compliance in meeting the PM emission standard for the briquette plant, the unit shall have to install bag filter for the same.

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

**For and on behalf of West Bengal Pollution Control Board**

*Rubina*

13/04/2024

**Senior Environmental Engineer  
Operation & Execution Cell**

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

WBPCB/HQ/29628/2023

Page 5





## Government of West Bengal

This document having UDIN **24-G-GA000004-C-1714388134361** has been created by **WEST BENGAL POLLUTION CONTROL BOARD** with authorised person's Aadhaar no XXXXXXXX9477 on **04:25PM, April 29, 2024**.

This document is available at UDIN platform till 04:25PM, April 29, 2029.



*Gibansu Mondal*

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



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

**Category of the Industry : RED**

**Application Type: CTO**

**CTO No.: WBPCB/4932864/2024**

**Date : 29/04/2024**

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

**Reference: Application No.: 4932864**

The West Bengal Pollution Control Board (hereinafter referred to as State Board) under the provisions of Section 25 & 26 of the Water (Prevention and Control of Pollution) Act, 1974 as amended and Section 21 of the Air (Prevention and Control of Pollution) Act, 1981 as amended, and Rules and Orders made thereunder hereby grants Consent to **ELOQUENT STEEL PRIVATE LIMITED** (hereinafter referred to as Applicant) for its unit located at **Vill-Nakrajoria, PO-Salanpur, Dist-Paschim Bardhaman, Pin-713357** for the period from **29/04/2024** to **30/04/2028** to operate the industrial unit/project and to discharge liquid effluent and gaseous emission from the premises / land of the industrial unit/project, in accordance with the conditions as mentioned below, provided that on any day at any instance the quantity and quality of liquid discharge and gaseous emission shall not exceed the permissible limit as specified in this consent letter and in the Environment (Protection) Act, 1986 and Rules thereunder, as amended.

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

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

**Conditions :**

- 1 This Consent is valid for the following activities :

| Sl.No | Name of Activity/Products/By-products                                     | Production Capacity (Per Month) |
|-------|---------------------------------------------------------------------------|---------------------------------|
| 1     | Rolled Product (TMT Bar, MS Round & Wire Rod) through 600TPD Rolling Mill | 210000 Metric Tonnes/Year       |
| 2     | MS Billets through 2x25 Ton Induction Furnace and 3x6/11m CCM             | 171500 Metric Tonnes/Year       |

- 2 The industry shall remain responsible for quantity and quality of liquid effluent and air emission.

- 3 Daily waste water generation and discharge shall not exceed :

| No. of outlets | Source of Waste Water | Quantity in Kilo Liters/day | Place of discharge                                   |
|----------------|-----------------------|-----------------------------|------------------------------------------------------|
|                | Process & domestic    | Nil                         | Recycle & reuse. Zero discharge shall be maintained. |

- 4 To bring into any altered or new outlet / outfall or to change the place of discharge, the industry shall have to inform the Board and obtain prior permission of the Board in this effect.

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

WBPCB/4932864/2024

Page 1



- 5 The industry shall provide comprehensive facility for treatment of industrial liquid waste and domestic liquid waste (sewage, sullage and liquid effluent generated from canteen), and operate and maintain the same continuously so that the quality of final effluent conforms to the Standard as given below:

| Outlet No. | Nature of effluent | Parameters and standard |           |      | Frequency of sampling |
|------------|--------------------|-------------------------|-----------|------|-----------------------|
|            |                    | Parameters              | Standards | Unit |                       |

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

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

| SL NO. | Purpose of Water Use     | Quantity (KL/Day) |
|--------|--------------------------|-------------------|
| 1.     | Cooling                  | 1050.0            |
| 2.     | Others(Dust Suppression) | 135.0             |
| 3.     | Domestic                 | 10.0              |

- 7 The Industry shall install suitable digital device for measuring the volume of water consumed for different purposes as mentioned above giving correct result to the satisfaction of the State Board. The device shall be able to provide information to disseminate the quantity on a real time basis.

- 8 All the stacks connected to various sources of emissions must be designated by numbers.

- 9 The industry shall install comprehensive pollution control equipment and operate and maintain the same to conform to the standard as given below:

| Stack height from ground level (m) | Stack attached to emission sources | Capacity of emission source | Consumption Unit | Fuel details |              | Control system (if any) | Concentrations of parameters not to exceed |        |                     |              |               |               | Frequency of sampling | Remarks   |                                                         |
|------------------------------------|------------------------------------|-----------------------------|------------------|--------------|--------------|-------------------------|--------------------------------------------|--------|---------------------|--------------|---------------|---------------|-----------------------|-----------|---------------------------------------------------------|
|                                    |                                    |                             |                  | Fuel used    | Quantity     |                         | PM (mg/N m3)                               | CO (%) | Acid Mist (mg/N m3) | Pb (mg/N m3) | SO2 (mg/N m3) | NOX (mg/N m3) |                       |           | Others                                                  |
| 30                                 | Induction furnace                  | 50                          | Metric Tonne     | Electricity  | 16 Mega watt |                         | 30                                         |        |                     |              |               |               |                       | Quarterly | Stack & Bag Filter common with 2x25 T Induction Furnace |

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

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

"This is computer generated document from OCMMIS by WBPCB"

WBPCB/19/32664/2024

Page 2



| S.No | Description of Waste               | Quantity                 | Treatment and Disposal                                                                  |
|------|------------------------------------|--------------------------|-----------------------------------------------------------------------------------------|
| 1    | End Cuts/Misroll from Rolling Mill | 580 Metric Tonnes/Month  | Shall be reused in induction furnace                                                    |
| 2    | Mill Scale from Rolling Mill       | 140 Metric Tonnes/Month  | Shall be used in IF/SAF/provided to recyclers                                           |
| 3    | IF Slag                            | 1755 Metric Tonnes/Month | Shall be used as aggregates for land filling/road making                                |
| 4    | IF Bag Filter Dust                 | 278 Metric Tonnes/Month  | Shall be used for land filling                                                          |
| 5    | MS Scale from SMS CCM              | 143 Metric Tonnes/Month  | Shall be reused in induction furnace/shall be used for production of Fe-Si or Fe-Si-Cr. |
| 6    | MS Scrap from SMS CCM              | 368 Metric Tonnes/Month  | Shall be reused in induction furnace                                                    |

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

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

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

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

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

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

WBPCB/49/2864/2024

Page 3



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

#### Special Conditions:

1. The unit shall operate in compliance with the conditions imposed in the EC issued by the MoEF&CC, GoI vide no. J-11011/188/2011-IA.II(I) dt. 16.03.2023 and NOC by the State Board vide no. 241-2N-68/ 2021(E ) dt. 08.05.2023.
2. The National Ambient Air Quality Emission Standards issued by the MoEF&CC, GoI vide G.S.R.No.826(E ) dt. 16.11.2009 shall be complied with.
3. Good house-keeping shall be maintained.
4. Necessary action shall be taken to control fugitive emission.
5. Green belt shall be developed as per the EC condition and compliance report shall be submitted to the State Board.
6. The EC and CTE conditions including plantation shall be fully complied with.

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

WBPCB/19/2864/2024

Page 4



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

For and on behalf of West Bengal Pollution Control Board

*R. Sinha*

29/04/2024

Senior Environmental Engineer  
Operation & Execution Cell



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

WBPCB/49/2864/2024

Page 5



## ANNEXURE-10



# ENVIROCHECK

Recognised by MoEF & CC, WBPCB & JSPCB  
Accredited by NABL (ISO/IEC 17025:2017) & NABET (CERTIFICATE NO. - NABET/EIA/2326/IA 0117)  
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



## TEST REPORT

FORMAT NO.: ENV/FM/37

|                           |                                                                       |                                             |                               |
|---------------------------|-----------------------------------------------------------------------|---------------------------------------------|-------------------------------|
| Name of the Client        | : Eloquent Steel Pvt. Ltd.                                            | Type of Industry                            | : Ferro Alloy & SMS Unit      |
| Address                   | : Vill - Nakraoria, P.O. + P.S. - Salanpur, Dist. - Paschim Bardhaman | Sampling date                               | : 02.02.2026 - 03.02.2026     |
|                           |                                                                       | Date of received                            | : 09.02.2026                  |
|                           |                                                                       | Date (s) of analysis                        | : 09.02.2026 - 10.02.2026     |
|                           |                                                                       | Date of issue                               | : 12.02.2026                  |
| Sampling Plan & Procedure | : ENV/SOP/01/01                                                       | Deviation from the Sampling Method and Plan | : No                          |
|                           |                                                                       | Type of Sample                              | : Ambient Air                 |
| Sample Condition          | : Sealed                                                              | Sample ID No.                               | : ENV/07/Feb./A/VII           |
|                           |                                                                       | Report ID No.                               | : ENV/07/Feb./TR(A)/VII/25-26 |
| Sample Testing Location   | : Permanent Testing                                                   |                                             |                               |

|           |                                                              |
|-----------|--------------------------------------------------------------|
| <b>A)</b> | <b>GENERAL INFORMATION</b>                                   |
| 1.        | Location of Sampling : Nakraoria Village (1.0 km from Plant) |
| 2.        | Duration of Sampling : 24 hrs. (08:00 a.m. - 08:00 a.m.)     |

| B) | METEOROLOGICAL INFORMATION | UNIT | METHOD                                                                   | OBSERVED VALUE |
|----|----------------------------|------|--------------------------------------------------------------------------|----------------|
| 1. | Temperature                | °C   | ASTM E 337-02 : Sec.11, Vol. 11.07                                       | 18.0           |
| 2. | Humidity                   | %    | ASTM E 337-02 : Sec.11, Vol. 11.07                                       | 52.0           |
| 3. | Rainfall                   | mm   | IS : 5235 & Specification of Surface Meteorological Instrument, IMD, GOI | <0.2           |

| CJ      | RESULTS                                                                   |                   |                                                                |         |       |
|---------|---------------------------------------------------------------------------|-------------------|----------------------------------------------------------------|---------|-------|
| SL. NO. | PARAMETERS                                                                | UNIT              | METHOD NO.                                                     | RESULTS | LIMIT |
| 1.      | Fine Particulate Matter<br>[Size less than 2.5 µm] of PM2.5               | µg/m <sup>3</sup> | IS 5182 (Part 24)                                              | 43.50   | 60.0  |
| 2.      | Respirable Suspended Particulate Matter<br>[Size less than 10 µm] of PM10 | µg/m <sup>3</sup> | IS 5182 (PART 23)                                              | 68.95   | 100.0 |
| 3.      | Sulfur Dioxide                                                            | µg/m <sup>3</sup> | IS 5182 Part 2, Sec.1                                          | 12.52   | 80.0  |
| 4.      | Nitrogen dioxide                                                          | µg/m <sup>3</sup> | IS 5182 Part 6                                                 | 23.84   | 80.0  |
| 5.      | Carbon Monoxide                                                           | mg/m <sup>3</sup> | IS 5182 Part 10<br>(Non Dispersive Infrared Absorption Method) | 0.46    | 2.0   |
| 6.      | Lead as Pb                                                                | µg/m <sup>3</sup> | USEPA IO 3.4                                                   | <0.01   | 1.0   |
| 7.      | Benzo (a) Pyrene                                                          | ng/m <sup>3</sup> | IS 5182 Part 12                                                | <0.36   | 1.0   |
| 8.      | Benzene                                                                   | µg/m <sup>3</sup> | IS 5182 (Part 11) Method 1                                     | <0.74   | 5.0   |
| 9.      | Ozone                                                                     | µg/m <sup>3</sup> | IS 5182 Part IX                                                | <10.0   | 100.0 |
| 10.     | Ammonia                                                                   | µg/m <sup>3</sup> | IS 5182 Part 25                                                | <4.18   | 400.0 |
| 11.     | Nickel as Ni                                                              | ng/m <sup>3</sup> | USEPA IO 3.4                                                   | <0.02   | 20.0  |
| 12.     | Arsenic as As                                                             | ng/m <sup>3</sup> | USEPA IO 3.4                                                   | <0.01   | 6.0   |

Remarks : Result relates only to the sample submitted.

Reviewed By :

(Durbadal Chakraborty)  
(Dy. Quality Manager)

Authorised Signatory :

(Dr. Ajoy Paul)  
(Quality Manager)

H.O. : 63/B, Rastraguru Avenue, Kolkata - 700028 ☎ 033-25792891/25497490, Fax : 033-25299141  
Laboratory : 189,190,192,186 & 51 Rastraguru Avenue, Kolkata - 700028 ☎ 033-25792889  
Email : info@envirocheck.in/envirocheck50@gmail.com / Website : www.envirocheck.in  
Branch Office : • Siliguri • Haldia • Durgapur • Dhanbad • Gangtok • Port Blair • Dehradun • New Delhi  
Overseas : • UAE • Qatar • Netherlands



# ENVIROCHECK

Recognised by MoEF & CC, WBPCB & JSPCB  
Accredited by NABL (ISO/IEC 17025:2017) & NABET (CERTIFICATE NO. - NABET/BIA/2326/IA 0117)  
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



## TEST REPORT

FORMAT NO.: ENV/FM/37

|                           |                                                                        |                                             |                                |
|---------------------------|------------------------------------------------------------------------|---------------------------------------------|--------------------------------|
| Name of the Client        | : Eloquent Steel Pvt. Ltd.                                             | Type of Industry                            | : Ferro Alloy & SMS Unit       |
| Address                   | : Vill - Nakrajoria, P.O. + P.S. - Salanpur, Dist. - Paschim Bardhaman | Sampling date                               | : 02.02.2026 - 03.02.2026      |
|                           |                                                                        | Date of received                            | : 09.02.2026                   |
|                           |                                                                        | Date (s) of analysis                        | : 09.02.2026 - 10.02.2026      |
|                           |                                                                        | Date of issue                               | : 12.02.2026                   |
| Sampling Plan & Procedure | : ENV/SOP/01/01                                                        | Deviation from the Sampling Method and Plan | : No                           |
|                           |                                                                        | Type of Sample                              | : Ambient Air                  |
| Sample Condition          | : Sealed                                                               | Sample ID No.                               | : ENV/07/Feb./A/VIII           |
|                           |                                                                        | Report ID No.                               | : ENV/07/Feb./TR(A)/VIII/25-26 |
| Sample Testing Location   | : Permanent Testing                                                    |                                             |                                |

|           |                                                           |
|-----------|-----------------------------------------------------------|
| <b>A)</b> | <b>GENERAL INFORMATION</b>                                |
| 1.        | Location of Sampling : Dendua Village (1.0 km from Plant) |
| 2.        | Duration of Sampling : 24 hrs. (08:30 a.m. - 08:30 a.m.)  |

| B) | METEOROLOGICAL INFORMATION | UNIT | METHOD                                                                   | OBSERVED VALUE |
|----|----------------------------|------|--------------------------------------------------------------------------|----------------|
| 1. | Temperature                | °C   | ASTM E 337-02 : Sec.11, Vol. 11.07                                       | 18.0           |
| 2. | Humidity                   | %    | ASTM E 337-02 : Sec.11, Vol. 11.07                                       | 52.0           |
| 3. | Rainfall                   | mm   | IS : 5235 & Specification of Surface Meteorological Instrument, IMD, GOI | <0.2           |

| C)      | RESULTS                                                                   |                   |                                                                |         |       |
|---------|---------------------------------------------------------------------------|-------------------|----------------------------------------------------------------|---------|-------|
| SL. NO. | PARAMETERS                                                                | UNIT              | METHOD NO.                                                     | RESULTS | LIMIT |
| 1.      | Fine Particulate Matter<br>[Size less than 2.5 µm] of PM2.5               | µg/m <sup>3</sup> | IS 5182 (Part 24)                                              | 42.60   | 60.0  |
| 2.      | Respirable Suspended Particulate Matter<br>[Size less than 10 µm] of PM10 | µg/m <sup>3</sup> | IS 5182 (PART 23)                                              | 61.26   | 100.0 |
| 3.      | Sulfur Dioxide                                                            | µg/m <sup>3</sup> | IS 5182 Part 2, Sec.1                                          | 8.52    | 80.0  |
| 4.      | Nitrogen dioxide                                                          | µg/m <sup>3</sup> | IS 5182 Part 6                                                 | 16.56   | 80.0  |
| 5.      | Carbon Monoxide                                                           | mg/m <sup>3</sup> | IS 5182 Part 10<br>(Non Dispersive Infrared Absorption Method) | 0.26    | 2.0   |
| 6.      | Lead as Pb                                                                | µg/m <sup>3</sup> | USEPA IO 3.4                                                   | <0.01   | 1.0   |
| 7.      | Benzo (a) Pyrene                                                          | ng/m <sup>3</sup> | IS 5182 Part 12                                                | <0.36   | 1.0   |
| 8.      | Benzene                                                                   | µg/m <sup>3</sup> | IS 5182 (Part 11) Method 1                                     | <0.74   | 5.0   |
| 9.      | Ozone                                                                     | µg/m <sup>3</sup> | IS 5182 Part IX                                                | <10.0   | 100.0 |
| 10.     | Ammonia                                                                   | µg/m <sup>3</sup> | IS 5182 Part 25                                                | <4.18   | 400.0 |
| 11.     | Nickel as Ni                                                              | ng/m <sup>3</sup> | USEPA IO 3.4                                                   | <0.02   | 20.0  |
| 12.     | Arsenic as As                                                             | ng/m <sup>3</sup> | USEPA IO 3.4                                                   | <0.01   | 6.0   |

Remarks : Result relates only to the sample submitted.

Reviewed By :

(Durbadal Chakraborty)  
(Dy. Quality Manager)

Authorised Signatory :

(Dr. Ajoy Paul)  
(Quality Manager)

H.O. : 63/B, Rastraguru Avenue, Kolkata - 700028 ☎ 033-25792891/25497400, Fax : 033-25299141  
Laboratory : 189, 190, 192, 186 & 51 Rastraguru Avenue, Kolkata - 700028 ☎ 033-25792889  
Email : info@envirocheck.in/envirocheck50@gmail.com / Website : www.envirocheck.in  
Branch Office : • Siliguri • Haldia • Durgapur • Dhanbad • Gangtok • Port Blair • Dehradun • New Delhi  
Overseas : • UAE • Qatar • Netherlands



# ENVIROCHECK

Recognised by MoEF & CC, WBPCB & JSPCB  
Accredited by NABL (ISO/IEC 17025:2017) & NABET (CERTIFICATE NO. - NABET/BIA/2326/IA 0117)  
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001 : 2018



## TEST REPORT

FORMAT NO: ENV/FM/37

|                           |                                                                        |                                             |                              |
|---------------------------|------------------------------------------------------------------------|---------------------------------------------|------------------------------|
| Name of the Client        | : Eloquent Steel Pvt. Ltd.                                             | Type of Industry                            | : Ferro Alloy & SMS Unit     |
| Address                   | : Vill - Nakrajoria, P.O. - P.S. - Salanpur, Dist. - Paschim Bardhaman | Sampling date                               | : 03.02.2026 - 04.02.2026    |
|                           |                                                                        | Date of received                            | : 09.02.2026                 |
|                           |                                                                        | Date (s) of analysis                        | : 09.02.2026 - 10.02.2026    |
|                           |                                                                        | Date of issue                               | : 12.02.2026                 |
| Sampling Plan & Procedure | : ENV/SOP/01/01                                                        | Deviation from the Sampling Method and Plan | : No                         |
|                           |                                                                        | Type of Sample                              | : Ambient Air                |
| Sample Condition          | : Sealed                                                               | Sample ID No.                               | : ENV/07/Feb./A/IX           |
|                           |                                                                        | Report ID No.                               | : ENV/07/Feb./TR(A)/IX/25-26 |
| Sample Testing Location   | : Permanent Testing                                                    |                                             |                              |

|           |                                                          |
|-----------|----------------------------------------------------------|
| <b>A)</b> | <b>GENERAL INFORMATION</b>                               |
| 1.        | Location of Sampling : Near Administrative Buildings     |
| 2.        | Duration of Sampling : 24 hrs. (09:00 a.m. - 09:00 a.m.) |

| B) | METEOROLOGICAL INFORMATION | UNIT | METHOD                                                                   | OBSERVED VALUE |
|----|----------------------------|------|--------------------------------------------------------------------------|----------------|
| 1. | Temperature                | °C   | ASTM E 337-02 : Sec.11, Vol. 11.07                                       | 20.0           |
| 2. | Humidity                   | %    | ASTM E 337-02 : Sec.11, Vol. 11.07                                       | 56.0           |
| 3. | Rainfall                   | mm   | IS : 5235 & Specification of Surface Meteorological Instrument, IMD, GOI | <0.2           |

| C)      | RESULTS                                                                   |                   |                                                                 |         |       |
|---------|---------------------------------------------------------------------------|-------------------|-----------------------------------------------------------------|---------|-------|
| SL. NO. | PARAMETERS                                                                | UNIT              | METHOD NO.                                                      | RESULTS | LIMIT |
| 1.      | Fine Particulate Matter<br>[Size less than 2.5 µm] of PM2.5               | µg/m <sup>3</sup> | IS 5182 (Part 24)                                               | 42.62   | 60.0  |
| 2.      | Respirable Suspended Particulate Matter<br>[Size less than 10 µm] of PM10 | µg/m <sup>3</sup> | IS 5182 (PART 23)                                               | 67.10   | 100.0 |
| 3.      | Sulfur Dioxide                                                            | µg/m <sup>3</sup> | IS 5182 Part 2, Sec.1                                           | 6.80    | 80.0  |
| 4.      | Nitrogen dioxide                                                          | µg/m <sup>3</sup> | IS 5182 Part 6                                                  | 15.04   | 80.0  |
| 5.      | Carbon Monoxide                                                           | mg/m <sup>3</sup> | IS 5182 Part 10<br>(Non Dispersive Infrared Absorption Method)] | 0.26    | 2.0   |
| 6.      | Lead as Pb                                                                | µg/m <sup>3</sup> | USEPA IO 3.4                                                    | <0.01   | 1.0   |
| 7.      | Benzo (a) Pyrene                                                          | ng/m <sup>3</sup> | IS 5182 Part 12                                                 | <0.36   | 1.0   |
| 8.      | Benzene                                                                   | µg/m <sup>3</sup> | IS 5182 (Part 11) Method 1                                      | <0.74   | 5.0   |
| 9.      | Ozone                                                                     | µg/m <sup>3</sup> | IS 5182 Part IX                                                 | <10.0   | 100.0 |
| 10.     | Ammonia                                                                   | µg/m <sup>3</sup> | IS 5182 Part 25                                                 | <4.18   | 400.0 |
| 11.     | Nickel as Ni                                                              | ng/m <sup>3</sup> | USEPA IO 3.4                                                    | <0.02   | 20.0  |
| 12.     | Arsenic as As                                                             | ng/m <sup>3</sup> | USEPA IO 3.4                                                    | <0.01   | 6.0   |

Remarks : Result relates only to the sample submitted.

Reviewed By :

(Durbadal Chakraborty)  
(Dy. Quality Manager)

Authorised Signatory :

(Dr. Ajoy Paul)  
(Quality Manager)

H.O. : 63/B, Rastraguru Avenue, Kolkata - 700028 ( 033-25792891/25497490, Fax : 033-25299141  
Laboratory : 189,190,192,186 & 51 Rastraguru Avenue, Kolkata - 700028 ( 033-25792889  
Email : info@envirocheck.in/envirocheck50@gmail.com / Website : www.envirocheck.in  
Branch Office : • Siliguri • Haldia • Durgapur • Dhanbad • Gangtok • Port Blair • Dehradun • New Delhi  
Overseas : • UAE • Qatar • Netherlands



# ENVIROCHECK

Recognised by MoEF & CC, WBPCB & JSPCB  
Accredited by NABL (ISO/IEC 17025:2017) & NABET (CERTIFICATE NO. - NABET/EIA/2326/IA 0117)  
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



## TEST REPORT

FORMAT NO.: ENV/FM/37

|                           |                                                                       |                                             |                             |
|---------------------------|-----------------------------------------------------------------------|---------------------------------------------|-----------------------------|
| Name of the Client        | : Eloquent Steel Pvt. Ltd.                                            | Type of Industry                            | : Ferro Alloy & SMS Unit    |
| Address                   | : Vill - Nakraoria, P.O. - P.S. - Salanpur, Dist. - Paschim Bardhaman | Sampling date                               | : 03.02.2026 - 04.02.2026   |
|                           |                                                                       | Date of received                            | : 09.02.2026                |
|                           |                                                                       | Date (s) of analysis                        | : 09.02.2026 - 10.02.2026   |
|                           |                                                                       | Date of Issue                               | : 12.02.2026                |
| Sampling Plan & Procedure | : ENV/SOP/01/01                                                       | Deviation from the Sampling Method and Plan | : No                        |
|                           |                                                                       | Type of Sample                              | : Ambient Air               |
| Sample Condition          | : Sealed                                                              | Sample ID No.                               | : ENV/07/Feb./A/X           |
|                           |                                                                       | Report ID No.                               | : ENV/07/Feb./TR(A)/X/25-26 |
| Sample Testing Location   | : Permanent Testing                                                   |                                             |                             |

|           |                                                                       |
|-----------|-----------------------------------------------------------------------|
| <b>A)</b> | <b>GENERAL INFORMATION</b>                                            |
| 1.        | Location of Sampling : Near M.C.C. Buildings (Back Side of the Plant) |
| 2.        | Duration of Sampling : 24 hrs. (09:30 a.m. - 09:30 a.m.)              |

| B) | METEOROLOGICAL INFORMATION | UNIT | METHOD                                                                   | OBSERVED VALUE |
|----|----------------------------|------|--------------------------------------------------------------------------|----------------|
| 1. | Temperature                | °C   | ASTM E 337-02 : Sec.11, Vol. 11.07                                       | 21.0           |
| 2. | Humidity                   | %    | ASTM E 337-02 : Sec.11, Vol. 11.07                                       | 58.0           |
| 3. | Rainfall                   | mm   | IS : 5235 & Specification of Surface Meteorological Instrument, IMD, GOI | <0.2           |

| C)      | RESULTS                                                                |                   |                                                                |         |       |
|---------|------------------------------------------------------------------------|-------------------|----------------------------------------------------------------|---------|-------|
| SL. NO. | PARAMETERS                                                             | UNIT              | METHOD NO.                                                     | RESULTS | LIMIT |
| 1.      | Fine Particulate Matter (Size less than 2.5 µm) of PM2.5               | µg/m <sup>3</sup> | IS 5182 (Part 24)                                              | 40.54   | 60.0  |
| 2.      | Respirable Suspended Particulate Matter (Size less than 10 µm) of PM10 | µg/m <sup>3</sup> | IS 5182 (PART 23)                                              | 69.18   | 100.0 |
| 3.      | Sulfur Dioxide                                                         | µg/m <sup>3</sup> | IS 5182 Part 2, Sec.1                                          | 8.60    | 80.0  |
| 4.      | Nitrogen dioxide                                                       | µg/m <sup>3</sup> | IS 5182 Part 6                                                 | 20.02   | 80.0  |
| 5.      | Carbon Monoxide                                                        | mg/m <sup>3</sup> | IS 5182 Part 10<br>(Non Dispersive Infrared Absorption Method) | 0.23    | 2.0   |
| 6.      | Lead as Pb                                                             | µg/m <sup>3</sup> | USEPA IO 3.4                                                   | <0.01   | 1.0   |
| 7.      | Benzo (a) Pyrene                                                       | ng/m <sup>3</sup> | IS 5182 Part 12                                                | <0.36   | 1.0   |
| 8.      | Benzene                                                                | µg/m <sup>3</sup> | IS 5182 (Part 11) Method 1                                     | <0.74   | 5.0   |
| 9.      | Ozone                                                                  | µg/m <sup>3</sup> | IS 5182 Part IX                                                | <10.0   | 100.0 |
| 10.     | Ammonia                                                                | µg/m <sup>3</sup> | IS 5182 Part 25                                                | <4.18   | 400.0 |
| 11.     | Nickel as Ni                                                           | ng/m <sup>3</sup> | USEPA IO 3.4                                                   | <0.02   | 20.0  |
| 12.     | Arsenic as As                                                          | ng/m <sup>3</sup> | USEPA IO 3.4                                                   | <0.01   | 6.0   |

Remarks : Result relates only to the sample submitted.

Reviewed By:

(Durbadal Chakraborty)  
(Dy. Quality Manager)

Authorised Signatory:

(Dr. Ajoy Paul)  
(Quality Manager)

H.O. : 63/B, Rastraguru Avenue, Kolkata - 700028 ( 033-25792891/25497490, Fax : 033-25299141  
Laboratory : 189,190,192,186 & 51 Rastraguru Avenue, Kolkata - 700028 ( 033-25792889  
Email : info@envirocheck.in/envirocheck50@gmail.com / Website : www.envirocheck.in  
Branch Office : • Siliguri • Haldia • Durgapur • Dhanbad • Gangtok • Port Blair • Dehradun • New Delhi  
Overseas : • UAE • Qatar • Netherlands

## ANNEXURE-11



# ENVIROCHECK

Laboratory Accredited by NABL (ISO/IEC 17025:2017)



FORMAT NO. : ENV/TM/33

## TEST REPORT

|     |                                           |                                                                      |
|-----|-------------------------------------------|----------------------------------------------------------------------|
| 1.  | Name of the Industry / Project            | : Eloquent Steel Pvt. Ltd.                                           |
| 2.  | Address                                   | : Vill. - Nakraoria, P.O + P.S - Salanpur, District - PaschimBurdwan |
| 3.  | Type of Industry                          | : Ferro Alloy and SMS Unit                                           |
| 4.  | Sampling Plan & Procedure                 | : ENV/SOP/02                                                         |
| 5.  | Deviation from the Sampling Method & Plan | : No                                                                 |
| 6.  | Type of Sample                            | : Work Zone Noise                                                    |
| 7.  | Sample ID                                 | : ENV/03/Feb/(TR)N/1/25-26                                           |
| 8.  | Date of Study                             | : 02/02/2026                                                         |
| 9.  | Reporting Date                            | : 10/02/2026                                                         |
| 10. | Method No.                                | : IS 15575 (Part 2), 2022                                            |
| 11. | Time of Duration of Noise                 | : 20 Minutes                                                         |
| 12. | Height from Ground Level                  | : 4 feet                                                             |
| 13. | Sample Monitoring by                      | : Mr. Subhas Mondal                                                  |

### RESULT OF NOISE LEVEL STUDY

Time : 10:00 - 10:20 A.M

#### DAY TIME

1. Location : R.M.H Yard

| Sl. No.           | Unit  | Minimum dB(A) | Maximum dB(A) | Leq dB(A) | Remarks    |
|-------------------|-------|---------------|---------------|-----------|------------|
| 01.               | dB(A) | 69.8          | 71.9          | 70.98     | East Side  |
| 02.               | dB(A) | 70.7          | 75.5          | 73.73     | West Side  |
| 03.               | dB(A) | 70.4          | 74.2          | 72.70     | North Side |
| 04.               | dB(A) | 71.2          | 72.6          | 71.96     | South Side |
| Average dB(A) Leq |       |               |               | 72.34     |            |

>End of Report<

Reviewed By:

Mr. Durbadal Chakraborty  
(By. Quality Manager)



Authorized Signatory

Dr. Ajoy Paul  
(Quality Manager)



# ENVIROCHECK

Laboratory Accredited by NABL (ISO/IEC 17025:2017)



FORMAT NO.: ENV/TM/33

## TEST REPORT

|     |                                           |                                                                     |
|-----|-------------------------------------------|---------------------------------------------------------------------|
| 1.  | Name of the Industry / Project            | : Eloquent Steel Pvt. Ltd.                                          |
| 2.  | Address                                   | : VIII - Nakraoria, P.O + P.S - Salanpur, District - PaschimBurdwan |
| 3.  | Type of Industry                          | : Ferro Alloy and SMS Unit                                          |
| 4.  | Sampling Plan & Procedure                 | : ENV/SOP/02                                                        |
| 5.  | Deviation from the Sampling Method & Plan | : No                                                                |
| 6.  | Type of Sample                            | : Work Zone Noise                                                   |
| 7.  | Sample ID                                 | : ENV/03/Feb/(TR)N/H/25-26                                          |
| 8.  | Date of Study                             | : 02/02/2026                                                        |
| 9.  | Reporting Date                            | : 10/02/2026                                                        |
| 10. | Method No.                                | : IS 15575 (Part 2), 2022                                           |
| 11. | Time of Duration of Noise                 | : 20 Minutes                                                        |
| 12. | Height from Ground Level                  | : 4 feet                                                            |
| 13. | Sample Monitoring by                      | : Mr. Subhas Mondal                                                 |

### RESULT OF NOISE LEVEL STUDY

Time : 10:30 - 10:50 A.M

#### DAY TIME

2. Location : Inside the Ferro Division (North Side)

| Sl. No.           | Unit  | Minimum dB(A) | Maximum dB(A) | Leq dB(A) | Remarks    |
|-------------------|-------|---------------|---------------|-----------|------------|
| 01.               | dB(A) | 71.7          | 80.8          | 78.29     | East Side  |
| 02.               | dB(A) | 71.0          | 78.8          | 76.46     | West Side  |
| 03.               | dB(A) | 73.7          | 76.5          | 75.32     | North Side |
| 04.               | dB(A) | 71.2          | 76.6          | 74.69     | South Side |
| Average dB(A) Leq |       |               |               | 76.19     |            |

>End of Report<

Reviewed By:

Mr. Durbadal Chakraborty  
(By. Quality Manager)



Authorized Signatory

Dr. Ajoy Paul  
(Quality Manager)



# ENVIROCHECK

Laboratory Accredited by NABL (ISO/IEC 17025:2017)



FORMAT NO.: ENV/TM/33

## TEST REPORT

|     |                                           |                                                                      |
|-----|-------------------------------------------|----------------------------------------------------------------------|
| 1.  | Name of the Industry / Project            | : Eloquent Steel Pvt. Ltd.                                           |
| 2.  | Address                                   | : Vill. - Nakraoria, P.O + P.S - Salanpur, District - PaschimBurdwan |
| 3.  | Type of Industry                          | : Ferro Alloy and SMS Unit                                           |
| 4.  | Sampling Plan & Procedure                 | : ENV/SOP/02                                                         |
| 5.  | Deviation from the Sampling Method & Plan | : No                                                                 |
| 6.  | Type of Sample                            | : Work Zone Noise                                                    |
| 7.  | Sample ID                                 | : ENV/03/Feb/(TR)N/III/25-26                                         |
| 8.  | Date of Study                             | : 02/02/2026                                                         |
| 9.  | Reporting Date                            | : 10/02/2026                                                         |
| 10. | Method No.                                | : IS 15575 (Part 2), 2022                                            |
| 11. | Time of Duration of Noise                 | : 20 Minutes                                                         |
| 12. | Height from Ground Level                  | : 4 feet                                                             |
| 13. | Sample Monitoring by                      | : Mr. Subhas Mondal                                                  |

### RESULT OF NOISE LEVEL STUDY

Time : 11:00 - 11:20 AM

#### DAY TIME

| 3. Location : Inside the Ferro Division (South Side) |       |               |               |           |            |
|------------------------------------------------------|-------|---------------|---------------|-----------|------------|
| Sl. No.                                              | Unit  | Minimum dB(A) | Maximum dB(A) | Leq dB(A) | Remarks    |
| 01.                                                  | dB(A) | 72.9          | 76.3          | 74.92     | East Side  |
| 02.                                                  | dB(A) | 71.8          | 78.5          | 76.33     | West Side  |
| 03.                                                  | dB(A) | 74.3          | 77.8          | 76.39     | North Side |
| 04.                                                  | dB(A) | 72.6          | 76.9          | 75.26     | South Side |
| Average dB(A) Leq                                    |       |               |               | 75.72     |            |

>End of Report<

Reviewed By:

Mr. Durinadal Chakraborty  
(By: Quality Manager)



Authorized Signatory

Dr. Ajoy Paul  
(Quality Manager)



# ENVIROCHECK

Laboratory Accredited by NABL (ISO/IEC 17025:2017)



FORMAT NO.: ENV/TM/33

## TEST REPORT

|     |                                           |                                                                      |
|-----|-------------------------------------------|----------------------------------------------------------------------|
| 1.  | Name of the Industry / Project            | : Eloquent Steel Pvt. Ltd.                                           |
| 2.  | Address                                   | : Vill. - Nakraoria, P.O + P.S - Salanpur, District - PaschimBurdwan |
| 3.  | Type of Industry                          | : Ferro Alloy and SMS Unit                                           |
| 4.  | Sampling Plan & Procedure                 | : ENV/SOP/02                                                         |
| 5.  | Deviation from the Sampling Method & Plan | : No                                                                 |
| 6.  | Type of Sample                            | : Work Zone Noise                                                    |
| 7.  | Sample ID                                 | : ENV/03/Feb/(TR)N/IV/25-26                                          |
| 8.  | Date of Study                             | : 02/02/2026                                                         |
| 9.  | Reporting Date                            | : 10/02/2026                                                         |
| 10. | Method No.                                | : IS 15575 (Part 2), 2022                                            |
| 11. | Time of Duration of Noise                 | : 20 Minutes                                                         |
| 12. | Height from Ground Level                  | : 4 feet                                                             |
| 13. | Sample Monitoring by                      | : Mr. Subhas Mondal                                                  |

### RESULT OF NOISE LEVEL STUDY

Time : 11:30 - 11:50AM

#### DAY TIME

| 4. Location : Near MRP |       |               |               |           |            |
|------------------------|-------|---------------|---------------|-----------|------------|
| Sl. No.                | Unit  | Minimum dB(A) | Maximum dB(A) | Leq dB(A) | Remarks    |
| 01.                    | dB(A) | 70.9          | 75.7          | 73.93     | East Side  |
| 02.                    | dB(A) | 69.8          | 72.5          | 71.36     | West Side  |
| 03.                    | dB(A) | 75.9          | 78.3          | 77.26     | North Side |
| 04.                    | dB(A) | 72.8          | 75.9          | 74.62     | South Side |
| Average dB(A) Leq      |       |               |               | 74.29     |            |

>End of Report<

Reviewed By:

Mr. Durbadal Chakraborty  
(By. Quality Manager)



Authorized Signatory

Dr. Ajoy Paul  
(Quality Manager)

## ANNEXURE-12



# ENVIROCHECK

Recognised by MoEF & CC, WBPCB & JSPCB  
Accredited by NABL (ISO/IEC 17025:2017) & NABET (CERTIFICATE NO. - NABET/EA/2326/LA 0117)  
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



FORMAT NO. ENV/FM/55

## TEST REPORT

|                           |                                                                         |                                             |                           |
|---------------------------|-------------------------------------------------------------------------|---------------------------------------------|---------------------------|
| Name of the Client        | : Eloquent Steel Pvt. Ltd.                                              | Type of Industry                            | : Steel & Power Unit      |
| Address                   | : Vill. - Nakrajoria, P.O. + P.S. - Salanpur, Dist. - Paschim Bardhaman | Sampling Date                               | : 03.02.2026              |
|                           |                                                                         | Date of Received                            | : 03.02.2026              |
|                           |                                                                         | Date(s) of Analysis                         | : 03.02.2026 - 17.02.2026 |
|                           |                                                                         | Date of Issue                               | : 18.02.2026              |
| Sampling Plan & Procedure | : ENV/SOP/01/04                                                         | Deviation from the Sampling Method and Plan | : No                      |
|                           |                                                                         | Type of Sample                              | : Ground Water            |
| Location                  | : Tube Well of Dendua Village                                           | Sample Condition                            | : Sealed                  |
|                           |                                                                         | Sample ID No.                               | : ENV/04/Feb./SCGW/I      |
| Report ID No.             | : ENV/04/Feb./TR(SCGW)/I/25-26                                          | Testing Location                            | : Permanent Testing       |

| PARAMETERS                | METHOD                | UNIT | RESULTS   |
|---------------------------|-----------------------|------|-----------|
| 1. Colour                 | IS 3025 Part 4        | CU   | 1.0       |
| 2. Odour                  | IS 3025 Part 5        | --   | Agreeable |
| 3. pH                     | IS 3025 Part 11       | --   | 6.80      |
| 4. Taste                  | IS 3025 Part 7        | --   | Agreeable |
| 5. Turbidity              | IS 3025 Part 10       | NTU  | 1.68      |
| 6. Total Dissolved Solids | IS 3025 Part 16       | mg/l | 430.0     |
| 7. Calcium                | IS 3025 Part 40       | mg/l | 20.0      |
| 8. Chloride               | IS 3025 Part 32       | mg/l | 58.99     |
| 9. Iron                   | IS 3025 Part 65       | mg/l | 0.58      |
| 10. Magnesium             | IS 3025 Part 65       | mg/l | 11.04     |
| 11. Nitrate               | IS 3025 Part 34 Sec 1 | mg/l | 2.60      |
| 12. Sulfate               | IS 3025 Part 24 Sec 1 | mg/l | 41.50     |
| 13. Total Alkalinity      | IS 3025 Part 23       | mg/l | 80.0      |
| 14. Total Hardness        | IS 3025 Part 21       | mg/l | 96.0      |
| 15. Arsenic               | IS 3025 Part 65       | mg/l | <0.0014   |
| 16. Chromium              | IS 3025 Part 65       | mg/l | <0.00001  |
| 17. Boron                 | IS 3025 Part 65       | mg/l | <0.0085   |

Remarks : a) Sample collected by Envirocheck and sent to lab for testing in sealed condition.  
b) Result relates only to the sample submitted.

Reviewed By:

*Shrabani Chatterjee*

(Shrabani Chatterjee)  
(Chemist)

Authorised Signatory:

*Dr. Ajay Paul*

(Dr. Ajay Paul)  
(Quality Manager)

H.O. : 63/B, Rastraguru Avenue, Kolkata - 700028 ☎ 033-25792891/25497400, Fax : 033-25299141  
Laboratory : 189,199,192,186 & 51 Rastraguru Avenue, Kolkata - 700028 ☎ 033-25792889  
Email : info@envirocheck.in/envirocheck50@gmail.com / Website : www.envirocheck.in  
Branch Office : • Siliguri • Haldia • Durgapur • Dhanbad • Gangtok • Port Blair • Dehradun • New Delhi  
Overseas : • UAE • Qatar • Netherlands



# ENVIROCHECK

Recognised by MoEF & CC, WBPCB & JSPCB  
Accredited by NABL (ISO/IEC 17025:2017) & NABET (CERTIFICATE NO. - NABET/EA/2326/IA 0117)  
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001: 2018



FORMAT NO. ENV/FM/55

## TEST REPORT

|                           |                                                                      |                                             |        |                     |                         |  |  |
|---------------------------|----------------------------------------------------------------------|---------------------------------------------|--------|---------------------|-------------------------|--|--|
| Name of the Client        | Eloquent Steel Pvt. Ltd.                                             |                                             |        | Type of Industry    | Steel & Power Unit      |  |  |
| Address                   | VIII - Nakrajaria, P.O. + P.S. - Salanpur, Dist. - Paschim Bardhaman |                                             |        | Sampling Date       | 03.02.2026              |  |  |
|                           |                                                                      |                                             |        | Date of Received    | 03.02.2026              |  |  |
|                           |                                                                      |                                             |        | Date(s) of Analysis | 03.02.2026 - 17.02.2026 |  |  |
|                           |                                                                      |                                             |        | Date of Issue       | 18.02.2026              |  |  |
| Sampling Plan & Procedure | ENV/SOP/01/04                                                        | Deviation from the Sampling Method and Plan | No     | Type of Sample      | Ground Water            |  |  |
| Location                  | Tube Well of Nakrajaria Village                                      | Sample Condition                            | Scaled | Sample ID No.       | ENV/04/Feb./SCGW/II     |  |  |
| Report ID No.             | ENV/04/Feb./TR(SCGW)/II/25-26                                        |                                             |        | Testing Location    | Permanent Testing       |  |  |

| PARAMETERS                | METHOD                | UNIT | RESULTS   |
|---------------------------|-----------------------|------|-----------|
| 1. Colour                 | IS 3025 Part 4        | CU   | 1.0       |
| 2. Odour                  | IS 3025 Part 5        | --   | Agreeable |
| 3. pH                     | IS 3025 Part 11       | --   | 6.80      |
| 4. Taste                  | IS 3025 Part 7        | --   | Agreeable |
| 5. Turbidity              | IS 3025 Part 10       | NTU  | 1.80      |
| 6. Total Dissolved Solids | IS 3025 Part 16       | mg/l | 480.0     |
| 7. Calcium                | IS 3025 Part 40       | mg/l | 28.0      |
| 8. Chloride               | IS 3025 Part 32       | mg/l | 61.99     |
| 9. Iron                   | IS 3025 Part 65       | mg/l | 0.46      |
| 10. Magnesium             | IS 3025 Part 65       | mg/l | 12.0      |
| 11. Nitrate               | IS 3025 Part 34 Sec 1 | mg/l | 2.60      |
| 12. Sulphate              | IS 3025 Part 24 Sec 1 | mg/l | 58.50     |
| 13. Total Alkalinity      | IS 3025 Part 23       | mg/l | 110.0     |
| 14. Total Hardness        | IS 3025 Part 21       | mg/l | 120.0     |
| 15. Arsenic               | IS 3025 Part 65       | mg/l | <0.00014  |
| 16. Chromium              | IS 3025 Part 65       | mg/l | <0.0001   |
| 17. Boron                 | IS 3025 Part 65       | mg/l | <0.0085   |

Remarks : a) Sample collected by Envirocheck and sent to lab for testing in sealed condition.  
b) Result relates only to the sample submitted.

Reviewed By:

*Shrabani Chatterjee*

(Shrabani Chatterjee)  
(Chemist)

Authorised Signatory:

*Dr. Ajoy Paul*

(Dr. Ajoy Paul)  
(Quality Manager)

<End of Report>

H.O. : 63/B, Rastraguru Avenue, Kolkata - 700028 ☎ 033-25792891/25497400, Fax : 033-25299141  
Laboratory : 189, 199, 192, 186 & 51 Rastraguru Avenue, Kolkata - 700028 ☎ 033-25792889  
Email : info@envirocheck.in/envirocheck50@gmail.com / Website : www.envirocheck.in  
Branch Office : • Siliguri • Haldia • Durgapur • Dhanbad • Gangtok • Port Blair • Dehradun • New Delhi  
Overseas : • UAE • Qatar • Netherlands

## ANNEXURE-13



# ENVIROCHECK

Recognised by MoEF & CC, WPCB & JSPCB  
Accredited by NABL (ISO/IEC 17025:2017) & NABET (CERTIFICATE NO. - NABET/BIA/2326/IA 0117)  
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001 : 2018



## TEST REPORT

FORMAT NO: ENV/FM/57

|                           |                                                                        |                                             |                                 |
|---------------------------|------------------------------------------------------------------------|---------------------------------------------|---------------------------------|
| Name of the Client        | : Eloquent Steel Pvt. Ltd.                                             | Type of Industry                            | : Ferro Alloy & SMS Unit        |
| Address                   | : Vill - Nakrajoria, P.O. + P.S. - Salanpur, Dist. - Paschim Bardhaman | Sampling date                               | : 02.02.2026                    |
|                           |                                                                        | Date of received                            | : 09.02.2026                    |
|                           |                                                                        | Date (s) of analysis                        | : 09.02.2026 - 10.02.2026       |
|                           |                                                                        | Date of issue                               | : 12.02.2026                    |
| Sampling Plan & Procedure | : ENV/SOP/01/01                                                        | Deviation from the Sampling Method and Plan | : No                            |
|                           |                                                                        | Type of Sample                              | : Fugitive Emission (Work Zone) |
| Sample Condition          | : Sealed                                                               | Sample ID No.                               | : ENV/07/Feb./A/XI              |
|                           |                                                                        | Report ID No.                               | : ENV/07/Feb./TR(A)/XI/25-26    |
| Sample Testing Location   | : Permanent Testing                                                    |                                             |                                 |

|           |                                                          |
|-----------|----------------------------------------------------------|
| <b>A]</b> | <b>GENERAL INFORMATION</b>                               |
| 1.        | Location of Sampling : R.M.H. Yard                       |
| 2.        | Duration of Sampling : 08 hrs. (10:00 a.m. - 06:00 p.m.) |

|           |                                   |             |                                    |                       |
|-----------|-----------------------------------|-------------|------------------------------------|-----------------------|
| <b>B]</b> | <b>METEOROLOGICAL INFORMATION</b> | <b>UNIT</b> | <b>METHOD</b>                      | <b>OBSERVED VALUE</b> |
| 1.        | Temperature                       | °C          | ASTM E 337-02 : Sec.11, Vol. 11.07 | 22.4                  |
| 2.        | Humidity                          | %           | ASTM E 337-02 : Sec.11, Vol. 11.07 | 62.0                  |

|         |                              |                                              |                       |  |         |
|---------|------------------------------|----------------------------------------------|-----------------------|--|---------|
| C]      | RESULTS                      |                                              |                       |  |         |
| SL. NO. | PARAMETERS                   | UNIT                                         | METHOD NO.            |  | RESULTS |
| 1.      | Suspended Particulate Matter | µg/m <sup>3</sup>                            | IS 5182 (Part 4)      |  | 456.21  |
| 2.      | Sulfur Dioxide               | µg/m <sup>3</sup>                            | IS 5182 Part 2, Sec.1 |  | 14.20   |
| 3.      | Nitrogen Dioxide             | µg/m <sup>3</sup>                            | IS 5182 Part 6        |  | 26.50   |
| Remarks |                              | Result relates only to the sample submitted. |                       |  |         |

Reviewed By :

(Durbadal Chakraborty)  
(Dy. Quality Manager)

Authorised Signatory :

(Dr. Ajoy Paul)  
(Quality Manager)

H.O. : 63/B, Rastraguru Avenue, Kolkata - 700028 ( 033-25792891/25497490, Fax : 033-25299141  
Laboratory : 189,190,192,186 & 51 Rastraguru Avenue, Kolkata - 700028 ( 033-25792889  
Email : info@envirocheck.in/envirocheck50@gmail.com / Website : www.envirocheck.in  
Branch Office : • Siliguri • Haldia • Durgapur • Dhanbad • Gangtok • Port Blair • Dehradun • New Delhi  
Overseas : • UAE • Qatar • Netherlands



# ENVIROCHECK

Recognised by MoEF & CC, WBPCB & JSPCB  
Accredited by NABL (ISO/IEC 17025:2017) & NABET (CERTIFICATE NO. - NABET/EIA/2326/IA 0117)  
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



## TEST REPORT

FORMAT NO.: ENV/FM/57

|                           |                                                                        |                                             |                                 |
|---------------------------|------------------------------------------------------------------------|---------------------------------------------|---------------------------------|
| Name of the Client        | : Eloquent Steel Pvt. Ltd.                                             | Type of Industry                            | : Ferro Alloy & SMS Unit        |
| Address                   | : Vill - Nakrajoria, P.O. + P.S. - Salanpur, Dist. - Paschim Bardhaman | Sampling date                               | : 02.02.2026                    |
|                           |                                                                        | Date of received                            | : 09.02.2026                    |
|                           |                                                                        | Date (s) of analysis                        | : 09.02.2026 - 10.02.2026       |
|                           |                                                                        | Date of issue                               | : 12.02.2026                    |
| Sampling Plan & Procedure | : ENV/SOP/01/01                                                        | Deviation from the Sampling Method and Plan | : No                            |
|                           |                                                                        | Type of Sample                              | : Fugitive Emission (Work Zone) |
| Sample Condition          | : Sealed                                                               | Sample ID No.                               | : ENV/07/Feb./A/XII             |
|                           |                                                                        | Report ID No.                               | : ENV/07/Feb./TR(A)/XII/25-26   |
| Sample Testing Location   | : Permanent Testing                                                    |                                             |                                 |

|           |                                                            |
|-----------|------------------------------------------------------------|
| <b>A]</b> | <b>GENERAL INFORMATION</b>                                 |
| 1.        | Location of Sampling : Near Ferro Division (Dispatch Yard) |
| 2.        | Duration of Sampling : 08 hrs. (10:30 a.m. - 06:30 p.m.)   |

|           |                                   |             |                                    |                       |
|-----------|-----------------------------------|-------------|------------------------------------|-----------------------|
| <b>B]</b> | <b>METEOROLOGICAL INFORMATION</b> | <b>UNIT</b> | <b>METHOD</b>                      | <b>OBSERVED VALUE</b> |
| 1.        | Temperature                       | °C          | ASTM E 337-02 : Sec.11, Vol. 11.07 | 25.0                  |
| 2.        | Humidity                          | %           | ASTM E 337-02 : Sec.11, Vol. 11.07 | 63.0                  |

|         |                                              |                   |                       |         |
|---------|----------------------------------------------|-------------------|-----------------------|---------|
| C]      | RESULTS                                      |                   |                       |         |
| SL. NO. | PARAMETERS                                   | UNIT              | METHOD NO.            | RESULTS |
| 1.      | Suspended Particulate Matter                 | µg/m <sup>3</sup> | IS 5182 (Part 4)      | 286.58  |
| 2.      | Sulfur Dioxide                               | µg/m <sup>3</sup> | IS 5182 Part 2, Sec.1 | 16.20   |
| 3.      | Nitrogen Dioxide                             | µg/m <sup>3</sup> | IS 5182 Part 6        | 25.04   |
| Remarks | Result relates only to the sample submitted. |                   |                       |         |

Reviewed By :

(Durbadal Chakraborty)  
(Dy. Quality Manager)

Authorised Signatory :

(Dr. Ajoy Paul)  
(Quality Manager)

H.O. : 63/B, Rastraguru Avenue, Kolkata - 700028 ( 033-25792891/25497490, Fax : 033-25299141 )  
Laboratory : 189,190,192,186 & 51 Rastraguru Avenue, Kolkata - 700028 ( 033-25792889 )  
Email : info@envirocheck.in/envirocheck50@gmail.com / Website : www.envirocheck.in  
Branch Office : • Siliguri • Haldia • Durgapur • Dhanbad • Gangtok • Port Blair • Dehradun • New Delhi  
Overseas : • UAE • Qatar • Netherlands



# ENVIROCHECK

Recognised by MoEF & CC, WBPCB & JSPCB  
Accredited by NABL (ISO/IEC 17025:2017) & NABET (CERTIFICATE NO. - NABET/EIA/2326/IA 0117)  
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



## TEST REPORT

FORMAT NO: ENV/FM/57

|                           |                                                                        |                                             |                                 |
|---------------------------|------------------------------------------------------------------------|---------------------------------------------|---------------------------------|
| Name of the Client        | : Eloquent Steel Pvt. Ltd.                                             | Type of Industry                            | : Ferro Alloy & SMS Unit        |
| Address                   | : Vill - Nakrajoria, P.O. + P.S. - Salanpur, Dist. - Paschim Bardhaman | Sampling date                               | : 03.02.2026                    |
|                           |                                                                        | Date of received                            | : 09.02.2026                    |
|                           |                                                                        | Date (s) of analysis                        | : 09.02.2026 - 10.02.2026       |
|                           |                                                                        | Date of issue                               | : 12.02.2026                    |
| Sampling Plan & Procedure | : ENV/SOP/01/01                                                        | Deviation from the Sampling Method and Plan | : No                            |
|                           |                                                                        | Type of Sample                              | : Fugitive Emission (Work Zone) |
| Sample Condition          | : Sealed                                                               | Sample ID No.                               | : ENV/07/Feb./A/XIII            |
|                           |                                                                        | Report ID No.                               | : ENV/07/Feb./TR(A)/XIII/25-26  |
| Sample Testing Location   | : Permanent Testing                                                    |                                             |                                 |

|           |                                                           |
|-----------|-----------------------------------------------------------|
| <b>A]</b> | <b>GENERAL INFORMATION</b>                                |
| 1.        | Location of Sampling : Near Ferro Division (Control Room) |
| 2.        | Duration of Sampling : 08 hrs. (10:00 a.m. - 06:00 p.m.)  |

|           |                                   |             |                                    |                       |
|-----------|-----------------------------------|-------------|------------------------------------|-----------------------|
| <b>B]</b> | <b>METEOROLOGICAL INFORMATION</b> | <b>UNIT</b> | <b>METHOD</b>                      | <b>OBSERVED VALUE</b> |
| 1.        | Temperature                       | °C          | ASTM E 337-02 : Sec.11, Vol. 11.07 | 25.0                  |
| 2.        | Humidity                          | %           | ASTM E 337-02 : Sec.11, Vol. 11.07 | 63.0                  |

|         |                                                |                   |                       |         |
|---------|------------------------------------------------|-------------------|-----------------------|---------|
| C]      | RESULTS                                        |                   |                       |         |
| SL. NO. | PARAMETERS                                     | UNIT              | METHOD NO.            | RESULTS |
| 1.      | Suspended Particulate Matter                   | µg/m <sup>3</sup> | IS 5182 (Part 4)      | 259.30  |
| 2.      | Sulfur Dioxide                                 | µg/m <sup>3</sup> | IS 5182 Part 2, Sec.1 | 8.62    |
| 3.      | Nitrogen Dioxide                               | µg/m <sup>3</sup> | IS 5182 Part 6        | 16.50   |
| Remarks | : Result relates only to the sample submitted. |                   |                       |         |

Reviewed By :

(Durbadal Chakraborty)  
(Dy. Quality Manager)

Authorised Signatory :

(Dr. Ajoy Paul)  
(Quality Manager)

H.O. : 63/B, Rastraguru Avenue, Kolkata - 700028 ☎ 033-25792891/25497490, Fax : 033-25299141  
Laboratory : 189,190,192,186 & 51 Rastraguru Avenue, Kolkata - 700028 ☎ 033-25792889  
Email : info@envirocheck.in/envirocheck50@gmail.com / Website : www.envirocheck.in  
Branch Office : • Siliguri • Haldia • Durgapur • Dhanbad • Gangtok • Port Blair • Dehradun • New Delhi  
Overseas : • UAE • Qatar • Netherlands



# ENVIROCHECK

Recognised by MoEF & CC, WPCB & JSPCB  
 Accredited by NABL (ISO/IEC 17025:2017) & NABET (CERTIFICATE NO. - NABET/BIA/2326/IA 0117)  
 Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001 : 2018



## TEST REPORT

FORMAT NO: ENV/FM/57

|                           |                                                                        |                                             |                                 |
|---------------------------|------------------------------------------------------------------------|---------------------------------------------|---------------------------------|
| Name of the Client        | : Eloquent Steel Pvt. Ltd.                                             | Type of Industry                            | : Ferro Alloy & SMS Unit        |
| Address                   | : Vill - Nakrajoria, P.O. + P.S. - Salanpur, Dist. - Paschim Bardhaman | Sampling date                               | : 03.02.2026                    |
|                           |                                                                        | Date of received                            | : 09.02.2026                    |
|                           |                                                                        | Date (s) of analysis                        | : 09.02.2026 - 10.02.2026       |
|                           |                                                                        | Date of issue                               | : 12.02.2026                    |
| Sampling Plan & Procedure | : ENV/SOP/01/01                                                        | Deviation from the Sampling Method and Plan | : No                            |
|                           |                                                                        | Type of Sample                              | : Fugitive Emission (Work Zone) |
| Sample Condition          | : Sealed                                                               | Sample ID No.                               | : ENV/07/Feb./A/XIV             |
|                           |                                                                        | Report ID No.                               | : ENV/07/Feb./TR(A)/XIV/25-26   |
| Sample Testing Location   | : Permanent Testing                                                    |                                             |                                 |

|           |                                                          |
|-----------|----------------------------------------------------------|
| <b>A]</b> | <b>GENERAL INFORMATION</b>                               |
| 1.        | Location of Sampling : Near M.R.P.                       |
| 2.        | Duration of Sampling : 08 hrs. (10:30 a.m. - 06:30 p.m.) |

|           |                                   |             |                                    |                       |
|-----------|-----------------------------------|-------------|------------------------------------|-----------------------|
| <b>B]</b> | <b>METEOROLOGICAL INFORMATION</b> | <b>UNIT</b> | <b>METHOD</b>                      | <b>OBSERVED VALUE</b> |
| 1.        | Temperature                       | °C          | ASTM E 337-02 : Sec.11, Vol. 11.07 | 25.0                  |
| 2.        | Humidity                          | %           | ASTM E 337-02 : Sec.11, Vol. 11.07 | 63.0                  |

|         |                                                |                   |                       |  |         |
|---------|------------------------------------------------|-------------------|-----------------------|--|---------|
| C]      | RESULTS                                        |                   |                       |  |         |
| SL. NO. | PARAMETERS                                     | UNIT              | METHOD NO.            |  | RESULTS |
| 1.      | Suspended Particulate Matter                   | µg/m <sup>3</sup> | IS 5182 (Part 4)      |  | 482.26  |
| 2.      | Sulfur Dioxide                                 | µg/m <sup>3</sup> | IS 5182 Part 2, Sec.1 |  | 12.80   |
| 3.      | Nitrogen Dioxide                               | µg/m <sup>3</sup> | IS 5182 Part 6        |  | 24.10   |
| Remarks | : Result relates only to the sample submitted. |                   |                       |  |         |

Reviewed By :

(Durbadal Chakraborty)  
 (Dy. Quality Manager)

Authorised Signatory :

(Dr. Ajoy Paul)  
 (Quality Manager)

&lt;End of Report&gt;

H.O. : 63/B, Rastraguru Avenue, Kolkata - 700028 ( 033-25792891/25497490, Fax : 033-25299141 )  
 Laboratory : 189,190,192,186 & 51 Rastraguru Avenue, Kolkata - 700028 ( 033-25792889 )  
 Email : info@envirocheck.in/envirocheck50@gmail.com / Website : www.envirocheck.in  
 Branch Office : • Siliguri • Haldia • Durgapur • Dhanbad • Gangtok • Port Blair • Dehradun • New Delhi  
 Overseas : • UAE • Qatar • Netherlands

## ANNEXURE-14

### NOISE MONITORING REPORT

Eloquent Steel Pvt. Ltd.

Vill. – Nakrajoria, P.O + P.S – Salanpur, District – Paschim Burdwan

#### MONITORED BY :

ENVIROCHECK  
 189, Rastraguru Avenue,  
 Calcutta – 700 028

Report No : ENV/03/Feb/ITR/N/1/25-26

|                      |                                                   |                 |               |
|----------------------|---------------------------------------------------|-----------------|---------------|
| Sampling Locations : | Nakrajoria Village (1 km distance from the Plant) | Date of Study : | 02/02/2026    |
| Category :           | Ferro Alloy and SMS Unit                          | Day time :      | 6 AM to 10 PM |

| Time (hrs.)          | $L_{min}$ dB(A) | $L_{max}$ dB(A) | $L_{eq}$ dB(A) | Day time $L_{eq}$ dB(A) |
|----------------------|-----------------|-----------------|----------------|-------------------------|
| 6:00 AM to 7:00 AM   | 50.6            | 54.7            | 53.12          | 54.08                   |
| 7:00 AM to 8:00 AM   | 49.7            | 53.2            | 51.79          |                         |
| 8:00 AM to 9:00 AM   | 48.5            | 55.6            | 53.36          |                         |
| 9:00 AM to 10:00 AM  | 50.2            | 56.1            | 54.08          |                         |
| 10:00 AM to 11:00 AM | 50.6            | 57.5            | 55.30          |                         |
| 11:00 AM to 12:00 PM | 50.2            | 59.9            | 57.33          |                         |
| 12:00 PM to 1:00 PM  | 52.6            | 58.3            | 56.32          |                         |
| 1:00 PM to 2:00 PM   | 55.9            | 59.1            | 57.79          |                         |
| 2:00 PM to 3:00 PM   | 52.6            | 55.4            | 54.22          |                         |
| 3:00 PM to 4:00 PM   | 51.0            | 56.3            | 54.41          |                         |
| 4:00 PM to 5:00 PM   | 51.9            | 55.2            | 53.86          |                         |
| 5:00 PM to 6:00 PM   | 50.3            | 54.9            | 53.38          |                         |
| 6:00 PM to 7:00 PM   | 45.2            | 52.4            | 50.35          |                         |
| 7:00 PM to 8:00 PM   | 46.1            | 52.0            | 49.98          |                         |
| 8:00 PM to 9:00 PM   | 44.8            | 51.6            | 49.41          |                         |
| 9:00 PM to 10:00 PM  | 43.0            | 50.8            | 48.46          |                         |

|                 |                          |              |               |
|-----------------|--------------------------|--------------|---------------|
| Date of Study : | 02/02/2026 to 03/02/2026 | Night time : | 10 PM to 6 AM |
|-----------------|--------------------------|--------------|---------------|

| Time (hrs.)          | $L_{min}$ dB(A) | $L_{max}$ dB(A) | $L_{eq}$ dB(A) | Night Time $L_{eq}$ dB(A) |
|----------------------|-----------------|-----------------|----------------|---------------------------|
| 10:00 PM to 11:00 PM | 41.3            | 46.5            | 44.64          | 44.70                     |
| 11:00 PM to 12:00 AM | 41.0            | 44.8            | 43.30          |                           |
| 12:00 AM to 1:00 AM  | 40.3            | 47.5            | 45.25          |                           |
| 1:00 AM to 2:00 AM   | 41.4            | 44.3            | 42.54          |                           |
| 2:00 AM to 3:00 AM   | 40.9            | 43.8            | 42.59          |                           |
| 3:00 AM to 4:00 AM   | 41.3            | 45.2            | 43.67          |                           |
| 4:00 AM to 5:00 AM   | 44.7            | 50.3            | 48.35          |                           |
| 5:00 AM to 6:00 AM   | 45.2            | 51.4            | 49.32          |                           |

$L_{min}$  : Minimum Noise level

$L_{max}$  : Maximum Noise level

$L_{eq}$  : Equivalent sound energy

Compiled by : (Signature)  
 Dr. Ajay Paul

Envirocheck Seal  
 Date : 07/02/2026



Certified by : (Signature)  
 Dr. S. B. Chowdhury

### NOISE MONITORING REPORT

Eloquent Steel Pvt. Ltd.

Vill. – Nakrajoria, P.O + P.S – Salanpur, District – Paschim Burdwan

MONITORED BY :

ENVIROCHECK

189, Rastraguru Avenue,  
Calcutta - 700 028

Report No : ENV/03/Feb/(TR)/N/25-26

|                      |                                               |                 |               |
|----------------------|-----------------------------------------------|-----------------|---------------|
| Sampling Locations : | Dendua Village (1 km distance from the Plant) | Date of Study : | 02/02/2026    |
| Category :           | Ferro Alloy and SMS Unit                      | Day time :      | 6 AM to 10 PM |

| Time (hrs.)          | $L_{min}$ dB(A) | $L_{max}$ dB(A) | $L_{eq}$ dB(A) | Day time $L_{eq}$ dB(A) |
|----------------------|-----------------|-----------------|----------------|-------------------------|
| 6:00 AM to 7:00 AM   | 42.1            | 49.7            | 47.39          | 52.22                   |
| 7:00 AM to 8:00 AM   | 43.0            | 50.4            | 48.12          |                         |
| 8:00 AM to 9:00 AM   | 44.2            | 51.5            | 49.23          |                         |
| 9:00 AM to 10:00 AM  | 46.8            | 54.7            | 52.34          |                         |
| 10:00 AM to 11:00 AM | 48.6            | 59.4            | 56.74          |                         |
| 11:00 AM to 12:00 PM | 47.4            | 59.3            | 56.56          |                         |
| 12:00 PM to 1:00 PM  | 46.2            | 53.8            | 51.49          |                         |
| 1:00 PM to 2:00 PM   | 44.8            | 56.8            | 54.06          |                         |
| 2:00 PM to 3:00 PM   | 47.4            | 56.3            | 53.82          |                         |
| 3:00 PM to 4:00 PM   | 46.2            | 54.2            | 51.83          |                         |
| 4:00 PM to 5:00 PM   | 44.6            | 56.8            | 54.04          |                         |
| 5:00 PM to 6:00 PM   | 42.2            | 54.6            | 51.83          |                         |
| 6:00 PM to 7:00 PM   | 40.6            | 52.5            | 49.76          |                         |
| 7:00 PM to 8:00 PM   | 39.7            | 48.6            | 46.32          |                         |
| 8:00 PM to 9:00 PM   | 39.0            | 45.1            | 43.04          |                         |
| 9:00 PM to 10:00 PM  | 38.5            | 44.8            | 42.70          |                         |

|                 |                          |              |               |
|-----------------|--------------------------|--------------|---------------|
| Date of Study : | 02/02/2026 to 03/02/2026 | Night time : | 10 PM to 6 AM |
|-----------------|--------------------------|--------------|---------------|

| Time (hrs.)          | $L_{min}$ dB(A) | $L_{max}$ dB(A) | $L_{eq}$ dB(A) | Night Time $L_{eq}$ dB(A) |
|----------------------|-----------------|-----------------|----------------|---------------------------|
| 10:00 PM to 11:00 PM | 37.1            | 43.8            | 41.63          | 43.68                     |
| 11:00 PM to 12:00 AM | 36.5            | 41.6            | 39.76          |                           |
| 12:00 AM to 1:00 AM  | 35.2            | 39.1            | 37.57          |                           |
| 1:00 AM to 2:00 AM   | 35.0            | 40.2            | 38.34          |                           |
| 2:00 AM to 3:00 AM   | 40.0            | 44.8            | 42.71          |                           |
| 3:00 AM to 4:00 AM   | 41.2            | 46.8            | 44.85          |                           |
| 4:00 AM to 5:00 AM   | 42.3            | 47.4            | 45.56          |                           |
| 5:00 AM to 6:00 AM   | 43.6            | 50.3            | 48.13          |                           |

$L_{min}$  : Minimum Noise level

$L_{max}$  : Maximum Noise level

$L_{eq}$  : Equivalent sound energy

Compiled by : (Signature)  
Dr. Ajay Paul

Envirocheck Seal  
Date : 07/02/2026



Certified by : (Signature)  
Dr. S. B. Chowdhury

### NOISE MONITORING REPORT

Eloquent Steel Pvt. Ltd.

Vill. – Nakrajoria, P.O + P.S – Salanpur, District – Paschim Burdwan

MONITORED BY :

ENVIROCHECK

189, Rastraguru Avenue,  
Calcutta - 700 028

Report No : ENV/03/Feb/(TR)/N/25-26

|                      |                               |                 |               |
|----------------------|-------------------------------|-----------------|---------------|
| Sampling Locations : | Near Administrative Buildings | Date of Study : | 03/02/2026    |
| Category :           | Ferro Alloy and SMS Unit      | Day time :      | 6 AM to 10 PM |

| Time (hrs.)          | $L_{min}$ | $L_{max}$ | $L_{eq}$ | Day time $L_{eq}$ |
|----------------------|-----------|-----------|----------|-------------------|
| 6:00 AM to 7:00 AM   | 48.3      | 53.8      | 51.87    | 51.66             |
| 7:00 AM to 8:00 AM   | 47.1      | 52.6      | 50.67    |                   |
| 8:00 AM to 9:00 AM   | 49.2      | 50.5      | 49.90    |                   |
| 9:00 AM to 10:00 AM  | 50.6      | 53.5      | 52.29    |                   |
| 10:00 AM to 11:00 AM | 49.7      | 52.4      | 51.26    |                   |
| 11:00 AM to 12:00 PM | 45.2      | 52.9      | 50.57    |                   |
| 12:00 PM to 1:00 PM  | 47.5      | 55.3      | 52.96    |                   |
| 1:00 PM to 2:00 PM   | 50.4      | 56.9      | 54.77    |                   |
| 2:00 PM to 3:00 PM   | 48.8      | 53.7      | 51.91    |                   |
| 3:00 PM to 4:00 PM   | 48.2      | 54.6      | 52.49    |                   |
| 4:00 PM to 5:00 PM   | 48.8      | 53.2      | 51.53    |                   |
| 5:00 PM to 6:00 PM   | 47.2      | 54.6      | 52.32    |                   |
| 6:00 PM to 7:00 PM   | 49.1      | 53.9      | 52.46    |                   |
| 7:00 PM to 8:00 PM   | 46.0      | 52.1      | 50.04    |                   |
| 8:00 PM to 9:00 PM   | 45.3      | 50.8      | 48.87    |                   |
| 9:00 PM to 10:00 PM  | 44.1      | 49.7      | 47.75    |                   |

|                 |                          |              |               |
|-----------------|--------------------------|--------------|---------------|
| Date of Study : | 03/02/2026 to 04/02/2026 | Night time : | 10 PM to 6 AM |
|-----------------|--------------------------|--------------|---------------|

| Time (hrs.)          | $L_{min}$ | $L_{max}$ | $L_{eq}$ | Night time $L_{eq}$ |
|----------------------|-----------|-----------|----------|---------------------|
| 10:00 PM to 11:00 PM | 42.6      | 48.3      | 46.32    | 44.21               |
| 11:00 PM to 12:00 AM | 40.1      | 46.5      | 44.39    |                     |
| 12:00 AM to 1:00 AM  | 39.7      | 42.3      | 41.19    |                     |
| 1:00 AM to 2:00 AM   | 37.2      | 41.2      | 39.65    |                     |
| 2:00 AM to 3:00 AM   | 38.4      | 42.6      | 40.99    |                     |
| 3:00 AM to 4:00 AM   | 41.2      | 45.4      | 43.79    |                     |
| 4:00 AM to 5:00 AM   | 40.5      | 44.8      | 43.16    |                     |
| 5:00 AM to 6:00 AM   | 44.6      | 49.7      | 47.86    |                     |

$L_{min}$  : Minimum Noise level

$L_{max}$  : Maximum Noise level

$L_{eq}$  : Equivalent sound energy

Compiled by : (Signature)  
Dr. Ajay Paul

Envirocheck Seal  
Date : 07/02/2026



Certified by : (Signature)  
Dr. S. B. Chowdhury

H.O. : 63/B, Rastraguru Avenue, Kolkata - 700028 ( 033-25782891/25497490 )  
 Laboratory : 189, 190, 192 & 51 Rastraguru Avenue, Kolkata - 700028 ( 033-25792889 )  
 Email : info@envirocheck.in / envirocheck59@gmail.com / Website : www.envirocheck.in

### NOISE MONITORING REPORT

Eloquent Steel Pvt. Ltd.

Vill. – Nakraoria, P.O + P.S – Salanpur, District – Paschim Burdwan

MONITORED BY :

ENVIROCHECK

189, Rastraguru Avenue,  
Calcutta - 700 028

Report No : ENV/03/Feb/(TR)/N/V/25-26

|                      |                                              |                 |               |
|----------------------|----------------------------------------------|-----------------|---------------|
| Sampling Locations : | Near M.C.C Building (Back side of the Plant) | Date of Study : | 03/02/2026    |
| Category :           | Ferro Alloy and SMS Unit                     | Day time :      | 6 AM to 10 PM |

| Time (hrs.)          | $L_{min}$ | $L_{max}$ | $L_{eq}$ | Day time $L_{eq}$ |
|----------------------|-----------|-----------|----------|-------------------|
| 6:00 AM to 7:00 AM   | 42.8      | 48.6      | 46.60    | 52.98             |
| 7:00 AM to 8:00 AM   | 43.5      | 52.1      | 49.65    |                   |
| 8:00 AM to 9:00 AM   | 44.3      | 53.8      | 51.25    |                   |
| 9:00 AM to 10:00 AM  | 47.2      | 58.3      | 55.61    |                   |
| 10:00 AM to 11:00 AM | 48.6      | 59.4      | 56.74    |                   |
| 11:00 AM to 12:00 PM | 47.4      | 59.3      | 56.56    |                   |
| 12:00 PM to 1:00 PM  | 46.2      | 53.8      | 51.49    |                   |
| 1:00 PM to 2:00 PM   | 44.8      | 56.8      | 54.06    |                   |
| 2:00 PM to 3:00 PM   | 47.4      | 56.3      | 53.82    |                   |
| 3:00 PM to 4:00 PM   | 46.2      | 54.2      | 51.83    |                   |
| 4:00 PM to 5:00 PM   | 44.6      | 56.8      | 54.04    |                   |
| 5:00 PM to 6:00 PM   | 42.2      | 54.6      | 51.83    |                   |
| 6:00 PM to 7:00 PM   | 40.6      | 52.5      | 49.76    |                   |
| 7:00 PM to 8:00 PM   | 41.8      | 53.0      | 50.31    |                   |
| 8:00 PM to 9:00 PM   | 40.2      | 53.8      | 50.98    |                   |
| 9:00 PM to 10:00 PM  | 39.5      | 52.5      | 49.70    |                   |

|                 |                          |              |               |
|-----------------|--------------------------|--------------|---------------|
| Date of Study : | 03/02/2026 to 04/02/2026 | Night time : | 10 PM to 6 AM |
|-----------------|--------------------------|--------------|---------------|

| Time (hrs.)          | $L_{min}$ | $L_{max}$ | $L_{eq}$ | Night time $L_{eq}$ |
|----------------------|-----------|-----------|----------|---------------------|
| 10:00 PM to 11:00 PM | 38.4      | 49.7      | 47.00    | 44.88               |
| 11:00 PM to 12:00 AM | 38.0      | 48.3      | 45.68    |                     |
| 12:00 AM to 1:00 AM  | 37.4      | 45.9      | 43.46    |                     |
| 1:00 AM to 2:00 AM   | 36.9      | 41.8      | 40.01    |                     |
| 2:00 AM to 3:00 AM   | 40.0      | 44.8      | 42.71    |                     |
| 3:00 AM to 4:00 AM   | 41.2      | 46.8      | 44.85    |                     |
| 4:00 AM to 5:00 AM   | 42.8      | 50.2      | 47.92    |                     |
| 5:00 AM to 6:00 AM   | 43.8      | 51.3      | 49.00    |                     |

$L_{min}$  : Minimum Noise level

$L_{max}$  : Maximum Noise level

$L_{eq}$  : Equivalent sound energy

Compiled by : (Signature)  
Dr. Ajay Paul

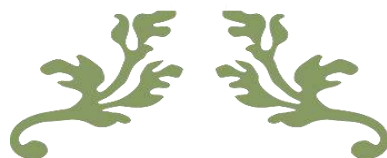
Envirocheck Seal  
Date : 07/02/2026



Certified by : (Signature)  
Dr. S. B. Chowdhury

H.O. : 63/B, Rastraguru Avenue, Kolkata - 700028 ☎ 033-25792891/25497490  
Laboratory : 189, 190, 192 & 51 Rastraguru Avenue, Kolkata - 700028 ☎ 033-25792889  
Email : info@envirocheck.in/envirocheck50@gmail.com / Website : www.envirocheck.in

## ANNEXURE-15

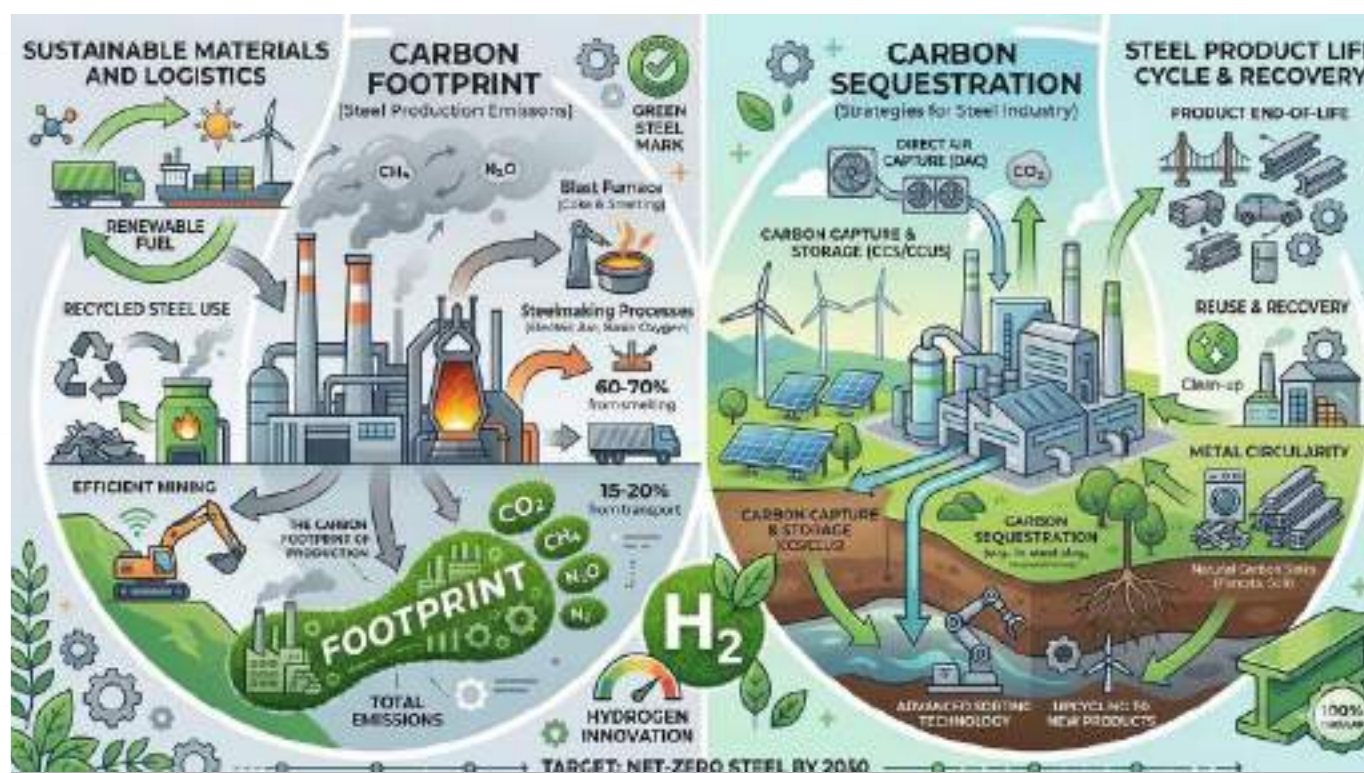


# ELOQUENT STEEL PRIVATE LIMITED

Vill. - Nakrajoria, PO&PS-Salanpur, Dist. – Paschim Bardhaman (WB) -713357



## ASSESSMENT OF CARBON FOOTPRINT & CARBON SEQUESTRATION STUDY



For

Production of 0.336 MTPA Crude Steel/Stainless Steel and 0.0764 MTPA (Max.) Ferro-Alloys, Including all allied facilities.

# CARBON FOOTPRINT AND CARBON SEQUESTRATION STUDY

## Introduction

In 2015, the global response to the threat of climate change took a step forward when 190 nations adopted the Paris Agreement. In 2019, the United Nations announced that over 60 countries, including the United Kingdom and the European Union (with the exception of Poland) had committed to carbon neutrality by 2050. Moreover, some nations have pledged to work toward earlier dates. Together, these agreements have led to growing pressure to pursue decarbonization across all industrial sectors.

India's Nationally Determined Contribution (NDC's) primarily targets by 2030 a reduction in the emissions intensity of Gross Domestic Product (GDP) by 33 to 35 percent; achieving about 40 percent installed power capacity from non-fossil fuel-based energy resources; energy efficiency; and creating an additional carbon sink of 2.5-3 billion tons of carbon dioxide equivalent through additional forest and tree cover.

Steel is one of the core pillars of today's society and, as one of the most important engineering and construction materials, it is present in many aspects of our lives. However, the industry now needs to cope with pressure to reduce its carbon footprint from both environmental and economic perspectives. Currently the steel industry is among the three biggest producers of carbon dioxide, with emissions being produced by a limited number of locations; steel plants are therefore a good candidate for decarbonization. While the industry must adapt to these new circumstances, it can also use them as a chance to safeguard its license to continue operating in the long term.

The direct CO<sub>2</sub> intensity of crude steel production has been relatively constant in the past few years. In contrast, in the Net Zero Emissions by 2050 Scenario it falls an average 4% annually between 2020 and 2030. Achieving this reduction and maintaining it after 2030 will not be easy. Potential for energy efficiency improvements will likely soon be exhausted. Thus, innovation in the upcoming decade will be crucial to commercialize new low-emissions processes, including those that integrate CCUS and hydrogen, to realize the long-term transformation change required. Governments can help by providing RD&D funding, creating a market for near-zero-emissions steel, adopting policies for mandatory CO<sub>2</sub> emissions reductions, expanding international co-operation and developing supporting infrastructure.

In this report, the carbon footprints from different factors of Eloquent Steel Private Limited (ESPL) will be determined and the carbon sequestration data from the units will be accessed to have an insight on annual carbon emissions from the works. This report also provides measures to further reduce the carbon emissions from the unit through implementation of new cleaner technological advances and sustainable environment methods.

Eloquent Steel Private Limited has relied on following reference for arriving CO<sub>2</sub> Emission Factors for steel industry

- *Report on Greenhouse Gas Emissions from Major Industrial Sources –III Iron and Steel Production by International Energy Agency and USEPA; Technical Support Document for the Ferro alloy Production Sector: Proposed Rule for Mandatory Reporting of Greenhouse Gases;*), the CO<sub>2</sub> emissions are calculated and carbon footprints are tracked in the unit.
- *2006 IPCC Guidelines for National Greenhouse Gas Inventories, Volume 3, Industrial Processes and Product Use.*

## **CARBON FOOTPRINT**

Carbon Footprint (CF) is used to measure the impact of human activities on natural ecosystems, the relative size of human consumption on ecosystems, and it emphasizes on the effect of carbon emission of human energy activities on atmospheric environment. Based on different industries, different levels have been formulated and different greenhouse gases have been considered. Six kinds of greenhouse gas emissions such as CO<sub>2</sub>, CH<sub>4</sub> and N<sub>2</sub>O produced by human activities in the country have been estimated. The carbon footprint is characterized in three levels:

- The first level comes from the direct carbon emissions of the institution itself
- The second level expands the boundary to the direct carbon emissions of the Department that provides the energy sector
- The third level includes the direct and indirect carbon emissions of the whole life cycle of the supply chain.

Following is the Division wise carbon emission calculations from Eloquent Steel Private Limited based on the emission factors.

### **1. Induction Furnace:**

Following table shows the CO<sub>2</sub> emissions from the induction furnace operation after proposed expansion.

**Table 1: CO<sub>2</sub>e Emission from SMS Division**

| Unit                | Required Raw Materials | Quantity (T) | Carbon Content (W/W) | Total Carbon (T) | Carbon Retained in Billet (T) | Carbon Burnt (T) | CO <sub>2</sub> e Emissions (T) |
|---------------------|------------------------|--------------|----------------------|------------------|-------------------------------|------------------|---------------------------------|
| <b>SMS (3x25 T)</b> | Pig Iron               | 13436        | 0.04                 | 537              | 242                           | 1806             | <b>6632</b>                     |
|                     | Sponge Iron            | 77556        | 0.02                 | 1163             |                               |                  |                                 |
|                     | Ferro Alloys           | 1214         | 0.02                 | 24               |                               |                  |                                 |
|                     | Scrap                  | 16168        | 0.02                 | 323              |                               |                  |                                 |
| <b>TOTAL BILLET</b> |                        |              |                      | <b>80776</b>     |                               |                  |                                 |

### **2. Ferro Division:**

Following table shows the CO<sub>2</sub> emissions from the induction furnace operation after proposed expansion.

**Table 2: CO<sub>2</sub> e Emission from Ferro Alloy Division**

| Unit                         | Product      | Quantity (T) | Emission Factor (T/T) | CO <sub>2</sub> e Emission (T) |
|------------------------------|--------------|--------------|-----------------------|--------------------------------|
| SEAF (3x7.5 MVA & 1x5.5 MVA) | Fe-Mn        | 16179        | 1.3                   | 21033                          |
|                              | Si-Mn        | 17463        | 1.4                   | 24448                          |
|                              | <b>Total</b> |              |                       | <b>45481</b>                   |

***Thus, the cumulative CO<sub>2e</sub> emitted from the project after proposed expansion with sum of table 1-2 is 52,113 tons CO<sub>2e</sub>.***

[Reference Point: Source: Report on Greenhouse Gas Emissions from Major Industrial Sources –III Iron and Steel Production by International Energy Agency and USEPA; Technical Support Document for the Ferroalloy Production Sector: Proposed Rule for Mandatory Reporting of Greenhouse Gases;]

### ❖ **Mitigation measures to reduce Carbon Footprints**

With the growing concern over climate change, steel makers are faced with the challenge of finding ways of lowering CO<sub>2</sub> emissions without seriously undermining process efficiency or considerably adding to costs. The iron and steel industry are the largest industrial source of CO<sub>2</sub> emissions due to the energy intensity of steel production, its reliance on carbon-based fuels and reductants.

The technological compendium of industries suggests the need to shift from traditional carbon intensive technologies for iron and steel production to low-carbon environment friendly technologies. Following are the measures which shall be adopted in coming years by the industries to reduce the overall carbon footprints

- Energy Monitoring & Management System
- Secondary Fume Extraction System in Steel Melting Shop
- Regenerative Burners in Re-heating Furnaces of Rolling Mills.
- Hot charging process of continuously cast products at higher temperature directly to Rolling Mills
- Direct Rolling Process eliminating the need for Re-heating furnaces
- Adoption of Variable Voltage Variable Frequency (VVVF) Drives for high-capacity electric motors
- Minimizing energy consumption and improving the energy efficiency of the process
- Changing to a fuel and/or reducing agent with a lower CO<sub>2</sub> emission factor;
- Capturing the CO<sub>2</sub> and storing it underground.
- Sufficient and affordable renewable energy needs to be implemented in the industry
- Installing state of art cleaner technologies
- Afforestation and Plantation
- Metallurgical wastes (Slag, Sludge, scales, fines, dust) into Sintering contributes significantly for reducing carbon dioxide emissions
- Availability of supporting infrastructure (Carbon Capture and Storage (CCS) and Hydrogen networks) needs to be accelerated, especially for industries, to support the transition to low- carbon/carbon neutral technologies
- Supporting the deployment of Digital Product Passports (DPPs) in the downstream products and applications of steel (e.g., in construction and transportation industries) can improve the process of steel recovery and reuse. The design of DPPs usually contains product related information by manufacturers, including instructions on disassembly and dismantling. If followed correctly during the recycling or end-of-life phase of steel products, steel recovery rates can be enhanced.
- The continuation and reinforcement of the promotion of sustainable means of transport for commuters, such as bicycles, public transport and, most of all, car-pooling would contribute to reducing carbon emissions.

### ❖ Immediate measures to be taken by Eloquent Steel Private Limited

The Company has taken some plan under this expansion proposal, which shall be considered as attempts towards clean technology.

- Direct hot charging of billets from SMS to rolling mill.
- Only 01 no. Re-heating Furnace as backup support. Company shall always prefer direct hot charging of billets from SMS to rolling mills
- Promoting minimum use of vehicles during plant visit.
- Installation solar light system on the roof top of administrative building for office lighting purpose.
- Increasing afforestation in and around the factory premises.

### ❖ Attempts to reduce Carbon emission/to bring down Carbon intensity

Eloquent Steel Private Limited shall prefer direct charging of hot billets to rolling mills from SMS. This attempt will remarkably reduce dependency on Re-heating furnace and burning of fossil fuel like LSHS/LDO and consequently reduce the CO<sub>2</sub> emission. These moves should be considered as its positive attempts to bring down Carbon intensity.

Moreover, the company proposes uses of Variable Frequency Drive ID Fans, Energy Monitoring & Management System, Regenerative Burners in Re-heating Furnace of Rolling Mills, Adoption of Variable Voltage Variable Frequency (VVVF) Drives for high-capacity electric motors, Installing state of art cleaner technologies.

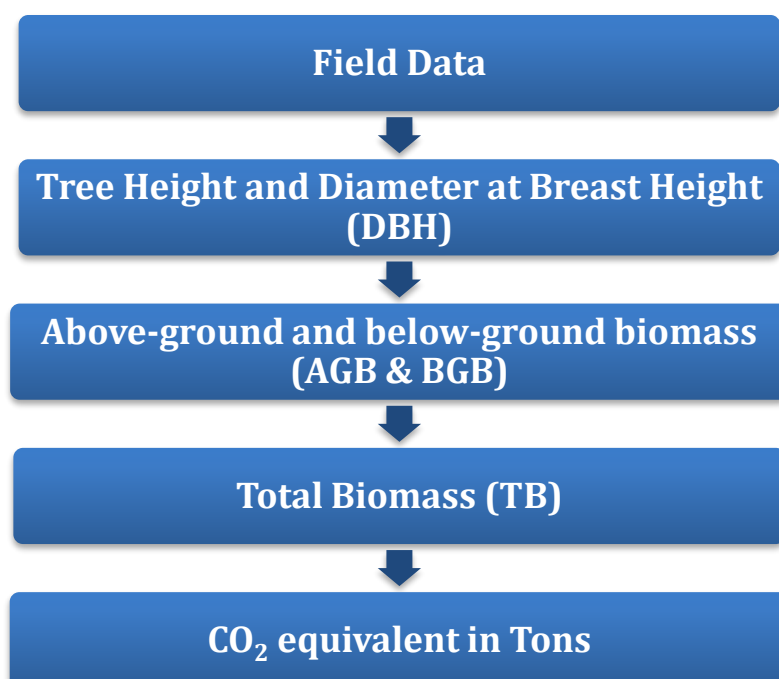
## *Carbon Sequestration*

Carbon sequestration is defined as the removal of carbon dioxide from the atmosphere and storage in a system. Carbon sequestration is gaining its importance in carbon credit and trading. Identification of many CDM (Clean Development Mechanism) projects has offered special flexibility and relevance in the carbon reduction and has helped improve the national economy. These projects have estimated the quantity of carbon in various systems and their dynamics associated with it. With these estimations, several strategies and formulations have evolved quantifying and reducing the carbon foot print.

No doubt carbon sequestration can be achieved through various systems, but trees form to be the largest terrestrial sink of carbon dioxide. Therefore, the plantation is granted as the most efficient and biggest terrestrial carbon sequestration method. Out of the five most important terrestrial carbon sequestration system (above ground biomass, below ground biomass, litter, wood debris, and soil organic carbon), the above and below ground biomass are the top two in the pool. Biomass of trees develops when plants take in carbon dioxide from the atmosphere in the presence of sunlight and convert them into starch in their tissues. Several studies have revealed that the carbon content in these tissues is half their biomass. So, with their growth and development, trees go on sequestering CO<sub>2</sub> from the atmosphere and store in their tissues as carbohydrates. This continues until the death of the tree. The rate of carbon sequestration is however maximum during the early stages of growth in trees when trees try to produce more and more amount of food to grow, meet the energy required by them and to stabilize in their respective environmental conditions.

### ❖ *Estimation of Carbon Sequestration Potential of trees*

There are generally two methods to estimate carbon sequestration in plant biomass. Direct method that involves cutting of the tree and Indirect method that is calculated through the above ground biomass and below ground biomass method without slashing the tree. Being ethically and ecologically sound, the second method was preferred for the present study.



### **Methodology for Carbon Sequestration from Trees**

The girth at breast height (GBH) of the trees was measured using a measuring tape at a height of 1.96 m from the ground surface. The height of the trees was measured using reference method (referring to the height of a nearby building or tower), pencil method and angle method as per the convenience. The above ground biomass (AGB) and below ground biomass (BGB) were then calculated as per the formula is given below.

- ⇒ Basal area (m<sup>2</sup>) = (GBH)<sup>2</sup>/4π
- ⇒ Bio-volume (m<sup>3</sup>) = Basal area x Height of the tree
- ⇒ AGB (kg) = Bio-volume x Wood density (kg/m<sup>3</sup>)
- ⇒ BGB (kg) = AGB x 0.26 (Where 0.26 = Root to Shoot ratio)
- ⇒ Total Biomass (TB) in kg/tree = AGB + BGB
- ⇒ Total Carbon Sequestered (TC) in kg/tree = TB/2

The Carbon content in trees was taken on an average as 50% of the tree biomass. The wood density of the individual tree species was derived from secondary sources. The CO<sub>2</sub> equivalent was calculated using the following formula:

$$\text{CO}_2\text{e} = (\text{TC} \times 44)/12$$

Where, 44 and 12 are the molecular and atomic weight of CO<sub>2</sub> and C, respectively.

Eloquent Steel Pvt. Ltd. has cover 33% (3.0 ha.) land of total project area with plantation 7800 plants. The Carbon sequestration by plantation study is provided in following table:

**Table 3: CARBON SEQUESTRATION THROUGH GREENBELT DEVELOPMENT IN AND AROUND THE PLANT PREMISES OF  
ELOQUENT STEEL PRIVATE LIMITED**

| Sl. No.                                                                                                        | Plant Species                   | Local Name    | Periphery (cm.) | Basal Area (M2) | Height (M) | Basal Volume (M3) | Density (Kg/M3) | AGB (Kg) | BGB (Kg) | TB (Kg) | TC (Kg) | CO2e (Kg)    | No. Tree    | Total CO2e (Kg)   |
|----------------------------------------------------------------------------------------------------------------|---------------------------------|---------------|-----------------|-----------------|------------|-------------------|-----------------|----------|----------|---------|---------|--------------|-------------|-------------------|
| 1                                                                                                              | <i>Azadirachta indica</i>       | Neem          | 68              | 0.036           | 6.5        | 0.237             | 900             | 213.33   | 55.47    | 268.80  | 134.40  | 492.80       | 150         | 73919.27          |
| 2                                                                                                              | <i>Polyalthia longifoila</i>    | Debdaru       | 30              | 0.007           | 4          | 0.028             | 875             | 24.84    | 6.46     | 31.30   | 15.65   | 57.39        | 175         | 10042.49          |
| 3                                                                                                              | <i>Acacia auriculiformis</i>    | Sonajhuri     | 48              | 0.018           | 5          | 0.091             | 625             | 56.78    | 14.76    | 71.55   | 35.77   | 131.17       | 525         | 68862.78          |
| 4                                                                                                              | <i>Dalbergia sissoo</i>         | Shishu        | 59              | 0.027           | 8          | 0.220             | 800             | 175.70   | 45.68    | 221.38  | 110.69  | 405.86       | 950         | 385567.42         |
| 5                                                                                                              | <i>Ficus benghalensis</i>       | Bot           | 78              | 0.048           | 7          | 0.336             | 700             | 235.11   | 61.13    | 296.24  | 148.12  | 543.10       | 120         | 65171.73          |
| 6                                                                                                              | <i>Ficus religiosa</i>          | Peepal        | 95              | 0.071           | 10         | 0.712             | 700             | 498.23   | 129.54   | 627.76  | 313.88  | 1150.90      | 130         | 149617.13         |
| 7                                                                                                              | <i>Anthocephalus cadamba</i>    | Kadam         | 59              | 0.027           | 6          | 0.165             | 600             | 98.83    | 25.70    | 124.53  | 62.26   | 228.30       | 110         | 25112.61          |
| 8                                                                                                              | <i>Mimusops elengi</i>          | Bakul         | 58              | 0.027           | 3.5        | 0.093             | 1008            | 93.60    | 24.34    | 117.93  | 58.97   | 216.21       | 230         | 49728.47          |
| 9                                                                                                              | <i>Albizzia lebbeck</i>         | Sreesh        | 85              | 0.057           | 8          | 0.456             | 630             | 287.18   | 74.67    | 361.84  | 180.92  | 663.38       | 920         | 610307.83         |
| 10                                                                                                             | <i>Cono Carpus</i>              | Cono Carpus   | 54              | 0.023           | 7          | 0.161             | 580             | 93.37    | 24.28    | 117.64  | 58.82   | 215.68       | 1370        | 295479.15         |
| 11                                                                                                             | <i>Caesalpinia pulcherrima</i>  | Radhachura    | 64              | 0.032           | 4.5        | 0.145             | 530             | 77.04    | 20.03    | 97.07   | 48.54   | 177.97       | 890         | 158391.21         |
| 12                                                                                                             | <i>Delonix regia</i>            | Krishnachura  | 54              | 0.023           | 4.5        | 0.103             | 510             | 52.78    | 13.72    | 66.50   | 33.25   | 121.92       | 200         | 24383.33          |
| 13                                                                                                             | <i>Lagerstroemia speciosa</i>   | Jarul         | 45              | 0.016           | 3          | 0.048             | 700             | 33.54    | 8.72     | 42.26   | 21.13   | 77.47        | 140         | 10845.89          |
| 14                                                                                                             | <i>Millettia pinnata</i>        | Karanj        | 61              | 0.029           | 4          | 0.117             | 680             | 79.82    | 20.75    | 100.57  | 50.29   | 184.38       | 920         | 169632.53         |
| 15                                                                                                             | <i>Eucalyptus globulus</i>      | Eucalyptus    | 48              | 0.018           | 8          | 0.145             | 582             | 84.60    | 22.00    | 106.60  | 53.30   | 195.43       | 165         | 32245.72          |
| 16                                                                                                             | <i>Alstonia scholaris</i>       | Chhatim       | 72              | 0.041           | 4          | 0.164             | 700             | 114.47   | 29.76    | 144.24  | 72.12   | 264.43       | 120         | 31731.97          |
| 17                                                                                                             | <i>Wodyetia bifurcata</i>       | Fox Tail Palm | 45              | 0.016           | 2.8        | 0.045             | 540             | 24.15    | 6.28     | 30.42   | 15.21   | 55.78        | 25          | 1394.47           |
| 18                                                                                                             | <i>Artocarpus heterophyllus</i> | Katahal       | 68              | 0.036           | 4.5        | 0.164             | 600             | 98.46    | 25.60    | 124.06  | 62.03   | 227.44       | 45          | 10234.98          |
| 19                                                                                                             | <i>Syzygium cumini</i>          | Jamun         | 68              | 0.036           | 4.2        | 0.153             | 700             | 107.21   | 27.88    | 135.09  | 67.54   | 247.66       | 155         | 38387.48          |
| 20                                                                                                             | <i>Terminalia arjuna</i>        | Arjun         | 68              | 0.036           | 7          | 0.255             | 750             | 191.45   | 49.78    | 241.23  | 120.61  | 442.25       | 125         | 55281.51          |
| 21                                                                                                             | <i>Areca catechu</i>            | Areca         | 68              | 0.036           | 3          | 0.109             | 880             | 96.27    | 25.03    | 121.30  | 60.65   | 222.39       | 120         | 26686.75          |
| 22                                                                                                             | <i>Tecoma stans</i>             | Titkoma       | 68              | 0.036           | 3          | 0.109             | 580             | 63.45    | 16.50    | 79.95   | 39.97   | 146.57       | 15          | 2198.62           |
| 23                                                                                                             | <i>Swietenia</i>                | Mehguni       | 68              | 0.036           | 5          | 0.182             | 750             | 136.75   | 35.56    | 172.31  | 86.15   | 315.89       | 35          | 11056.30          |
| 24                                                                                                             | <i>Hibiscus rosa-sinensis</i>   | Hibiscus      | 38              | 0.011           | 2.5        | 0.028             | 700             | 19.93    | 5.18     | 25.11   | 12.56   | 46.04        | 140         | 6445.05           |
| 25                                                                                                             | <i>Hyophorbe lagenicaulis</i>   | Bottle palm   | 68              | 0.036           | 6          | 0.219             | 900             | 196.92   | 51.20    | 248.12  | 124.06  | 454.89       | 25          | 11372.20          |
| <b>Total Corban Sequestration by tree plantation for mentioned study period shall be 1162 tons CO2e/Annum.</b> |                                 |               |                 |                 |            |                   |                 |          |          |         |         | <b>TOTAL</b> | <b>7800</b> | <b>2324096.88</b> |

ESPL has installed 1690 kWp Solar panel produce non-conventional green energy for office auxiliary use. It will be helpful in carbon sequestration as follows shown in **Table-4**

|                                                     |                  |
|-----------------------------------------------------|------------------|
| Capacity of Solar Panel                             | 1690 kWp         |
| Av. Power Generation                                | 0.22 MWh         |
| Power generation in 24 hours                        | 5.28 MWh         |
| Power generation in a year                          | 960.96 MW        |
| <b>CARBON SEQUESTRATION</b>                         |                  |
| Av Coal consumption per MW                          | 0.90T            |
| Total Coal consumption for 960.96MW                 | 864.86 T         |
| Total Carbon as FC                                  | 579.46 T         |
| <b>Total CO<sub>2e</sub> emission Sequestration</b> | <b>2124.68 T</b> |

**Table-4**

From the above tables, it is understood that total CO<sub>2e</sub> sequestration potential from greenbelt development (8017 no. trees) is estimated to be **1162 tons CO<sub>2e</sub>/Annum**. This number can be increased on yearly basis target to reduce additional CO<sub>2e</sub> emission by planting a greater number of trees over additional area.

In addition to afforestation installation of solar panel shall contribute carbon sequestration **2124.68T CO<sub>2e</sub>/Annum** i.e. more than 11Ton/day. Though it is very less in an industrial scenario but shall be a step forward towards carbon sequestration.

### Conclusion

Eloquent Steel Private Limited is committed for reducing the overall Green House Gases and Ambient pollution levels through its cleaner technologies and Ecological development activities. The company is solemnly interested on reducing the carbon emissions by introducing different energy efficient technologies available in Indian market with usages of renewable energy resources,

To conclude, no single option can yield the necessary CO<sub>2</sub> emission reductions but a combination of technologies available can be retrofitted to achieve significant reductions, which is possible after commercial deployment of the same by the Government of India.

If Carbon capture and storage (CCS) plant is implemented then steel plants could become near zero emitters of CO<sub>2</sub>. The commercial viability of CCS partly depends on the price of carbon emissions which is set by government policy. More large-scale demonstration projects, such as the Florange project in France could lead to lower costs in the future. If all technical, financial and cost barriers are overcome, then CCS could be more widely deployed in the steel industry. Developing new technologies, such as the HIsarna process, that are designed to generate a nitrogen-free and CO<sub>2</sub> rich off gas which will make CO<sub>2</sub> capture easier and cheaper.

==<>==

## ANNEXURE-16



# **ELOQUENT STEEL & PVT. LTD.**

Vill: Nakrajoria, PO& PS: Salanpur, Dist: Paschim Bardhaman,  
West Bengal- 713357

## **RISK & DISASTER MANAGEMENT PLAN**

**Risk and Disaster Management Plan**

| SL No. | Descriptions                               | Page No. |
|--------|--------------------------------------------|----------|
| 1      | Introduction                               | 2        |
| 2      | Organization Structure                     | 3        |
| 3      | Manpower and working shift                 | 4        |
| 4      | Nature of Hazards                          | 4        |
| 5      | Process Description                        | 4        |
| 6      | Inventory of Raw Material                  | 6        |
| 7      | Onsite Emergency Plan                      | 6        |
| 8      | Identification of Hazards                  | 7        |
| 9      | Key persons and their role                 | 8        |
| 10     | Action Plan for Risk & Disaster Management | 11       |
| 11     | Facilities for on-site emergency plan      | 13       |
| 12     | Disaster Management Plan (DMP)             | 15       |
| 13     | Emergency Command Structure                | 17       |
| 14     | Emergency contact numbers                  | 18       |

**Risk and Disaster Management Plan****Introduction:**

The project site of M/s Eloquent Steel Pvt. Limited (ESPL) is located at Village: Nakraoria, PO-Salanpur, District-Pachim Bardhaman in the state of West Bengal having Latitude: 23° 46' 33.06" N & Longitude: 86°51'43.02" E.

Project site of ESPL is well connected by road and rail. The nearest railway station is Salanpur which about 2 km from project site. Nearest Town/City/District Headquarter is Pachim Bardhaman at the distance of 14 km.

The last two decades have seen many technological innovations that have contributed to automated, more reliable and cost effective safety management techniques, equipment and systems. Responsiveness & competence needs to be created among the Indian industry about tools & methodologies of safety techniques to understand and mitigate the hazards they are dealing with on a day-to-day basis, and create a safe working environment, for its own machinery, employees and community around. The code of practice on safety management system will be very useful for engineering industries in order to eliminate hazards and for providing safe work environment to employees.

The safety and protection of people, equipment and the environment is a serious concern in the Engineering industries. Many industries have recognized the advantages of Safe Work Environment and are progressively adopting Safety Management System to prevent hazardous events, avoid production & manpower losses and other fallouts associated with industrial accidents. Safety management system also assists industries to enhance employee knowledge of operations, improve technical procedures, maintain accurate process safety information and increase overall facility productivity.

**GENERAL INFORMATION ABOUT THE FACTORY:**

Eloquent Steel Private Limited was incorporated in the year 2012 as per Certificate of Incorporation having Corporate Identity Number U51909WB2012PTC185734, 2012-13 dated 11.09.2012, issued by the Registrar of Companies, Kolkata.

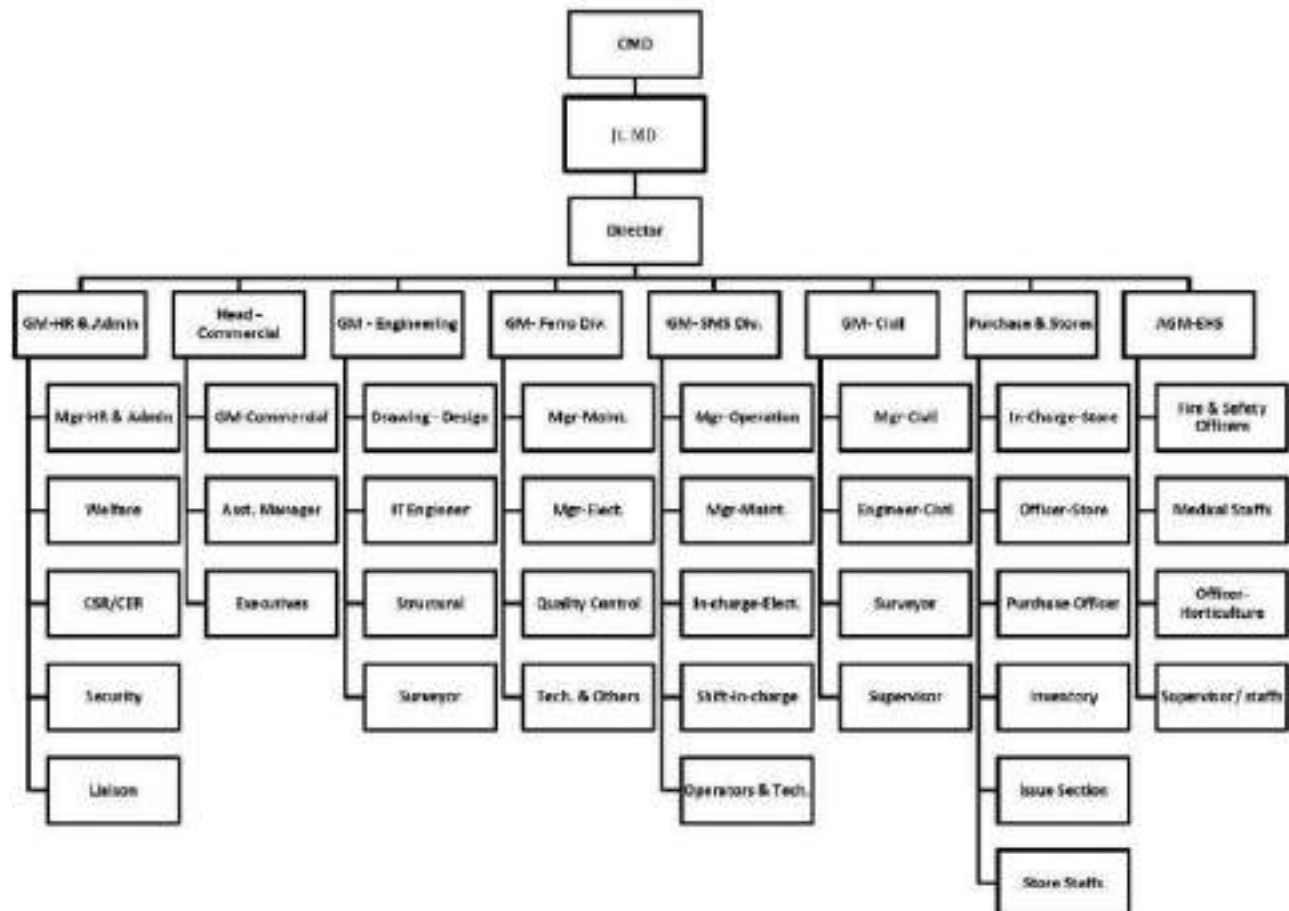
For the purpose of setting up Ferro Alloy Plant, ESPL has acquired two existing Ferro Alloy Plants M/s Hira Concast Ltd and M/s Impex Ferro Steel Ltd., adjacent to each other, located at village: Nakraoria, P.S. Salanpur, Dist: Paschim Bardhaman, West Bengal and taken possession in November, 2017 and April 2018 respectively and now under the ownership of ESPL a unit of Shakambhari Group who is having vast experience in the line of steel manufacturing.

Presently, the company is having following facilities in operation:

- 3x7.5MVA + 5.5MVA SAF
- 2x25T Induction Furnace with CCM

**Risk and Disaster Management Plan**

**Organizational Structure**



**Risk and Disaster Management Plan**

**Man Power**

Maximum number of persons available in the plant at any point of time is as follows:

**Persons working under various shifts**

| SL. NO.      | SHIFT | PERIOD                                            | AVERAGE<br>EMPLOYMENT/DAY |
|--------------|-------|---------------------------------------------------|---------------------------|
| 1.           | A     | 06:00-14:00 Hrs                                   | 45                        |
| 2.           | B     | 14:00-22:00 Hrs                                   | 29                        |
| 3.           | C     | 22:00-06:00 Hrs                                   | 30                        |
| 4.           | R     |                                                   | 41                        |
| 5.           | G     | 09:00-18:00 Hrs<br>(Lunch Break: 13:00-14:00 Hrs) | 47                        |
| <b>Total</b> |       |                                                   | <b>192</b>                |

Depending on requirements employees are called in different shifts and few employees are called on duty during national/festival holidays and off days.

**Nature of Hazards in ESPL**

A steel industry is hazardous by its very nature. The nature of various hazards in ESPL Plant is detailed below:

| Hazards                                                                     | Source                                                              |
|-----------------------------------------------------------------------------|---------------------------------------------------------------------|
| Fire Hazard                                                                 | Spillage of fuel oil,                                               |
| Explosion due to spillage of hot metal coming in contact with water         | Spillage/Transfer of hot metal, or liquid steel                     |
| Heat radiation due to hot metal handling                                    | Spillage of liquid metal, hot steel and hot slag                    |
| Accidents due to failure of Material Handling(lifting & carrying) Equipment | Connected with all Material Handling Equipment's through EOT cranes |

**PROCESS DESCRIPTION (in brief)**

➤ **Ferro Alloys Plant**

Generally, Ferro Alloys are used for making steels to improve the performance of steel as industrial product.

The Ferro alloys division comprises of following four types of alloys:

- Ferro-Manganese
- Silico-manganese
- Ferro-silicon

The facilities within the ferro alloy plant comprises of the following major units:

- Raw material handling system
- Furnace feeding system
- Submerged Arc Furnace
- Furnace tapping and casting
- Product handling system
- Electrical system

**Risk and Disaster Management Plan**

• Air Pollution Control System

Conveyor system is provided to feed the day bins for different Ferro Alloys Product. Vibrating feeders are located below each ground hopper, which transport the material on a vibratory screen through conveyor. In order to store the materials in individual bunker a reversible shuttle conveyor is provided on top of bunker.

**Furnace feeding system**

A conveyor is provided to collect the screened mixture of material from surge hopper on ground level and dump the same in to a feed hopper. The material from this hopper is being collected by a conveyor and transported to the telfer. By way of rotation this telfer gets aligned with charging bins and correction bins, which are located around the circumference of this rotation. Pneumatically operated slide gates are provided in each chute. These gates are operated from the central control desk.

**Submerged arc furnace**

Four submerged arc furnaces of capacity 3x7.5 MVA+1x5.5MVA, total 04 SAF have been considered. The furnaces are equipped with charge feeding hoppers, chutes, transformer, electrodes and Air pollution control system.

**Furnace tapping and casting**

The furnaces are tapped at an interval of about two and half hours considering eight numbers of heats per day. The tap hole is opened by oxygen lancing. Skimmer tapping arrangement provided to separate slag and metal. The liquid metal is being cast in moulds or in sand bed. The slag from the furnace is collected, cooled and disposed at suitable area allocated for slag disposal.

**Product handling system**

The solid cakes are broken in to smaller pieces manually in to required sizes. Suitable adjustment of breaking can change the product sizes to suit customer's requirement.

The products, classified according to sizes and grades of different Ferro Alloys will be stored in the dedicated storage areas. Sized product will be weighted, packed and kept ready for dispatch.

➤ **STEEL MELTING SHOP (SMS):**

In the SMS section scrap and pig iron are charged in Induction Furnace along with DRI in which heat is applied by induction heating and melted by electrical eddy current in a crucible placed in a water cooled alternating current solenoid coil. After achieving the desired composition and temperature, slag is scooped out from the top of hot metal and hot metal is poured into transfer ladle crucible and sent to CCM after addition of requisite amount of Ferro alloys. Induction furnaces are provided with matching billet casters.

In CCM liquid steel is casted to billets.

**Risk and Disaster Management Plan**

**INVENTORY OF RAW MATERIALS**

The inventories of raw materials used in the process are listed in the table below, which gives details of material stored. It contains maximum one month storage for each substance in process and transferred to unit where it is consumed.

**Maximum storage of capacity of raw materials**

| SL. NO. | OPERATING UNIT     | RAW MATERIALS       | MAX. STORAGE CAPACITY (METRIC TONS/MONTH) |
|---------|--------------------|---------------------|-------------------------------------------|
| 1.      | Ferro Alloys Plant | Mn-ore              | 20,000 MT                                 |
|         |                    | LAM Coke            | 12,500 MT                                 |
|         |                    | Quartz              | 2000 MT                                   |
|         |                    | Dolomite            | 1000 MT                                   |
| 2.      | Induction Furnace  | Sponge Iron         | 7500 MT                                   |
|         |                    | Pig iron            | 1800 MT                                   |
|         |                    | Scrap               | 2500 MT                                   |
|         |                    | Ferro Alloy         | 120 MT                                    |
|         |                    | coal fines @25% ash | 25 MT                                     |

**ONSITE EMERGENCY PLAN**

In a steel plant, the steel making process involves a number of hazardous processes starting from raw material handling, melting of sponge iron, pig iron, manganese ore, quartz and dolomite, scrap etc. and converting ferro alloys and into steel till the finished products. Also, the by-product plants, utilities & other auxiliary plants use considerable amount of combustible materials and these materials are stored in bulk storages like cylinders, drums, and gas holders etc. in the plant posing major risks.

The detailed study with concern to various possible hazards and their associated processes & equipment's has been identified. The list of these identified hazardous equipment in the plant is given in the following pages. The potential hazards from the above identified equipment and from the various hazardous operations/processes in the plant have been analyzed and the possible causes for occurrence of such hazards, likely consequences and the remedial action required are recommended.

**Emergency Action Plan:**

Emergency Planning begins with the identification and assessment of the principal hazards which are normally fire, explosion and toxic release. With the growing complexity of the process plants, more systematic and searching methods for risk identification and quantification have been developed over the years. Generally the emergencies that occur in process plants are classified into two categories. The one whose effects remain within the boundary limits of the plant is known as On-Site Emergency and the one where the effects go beyond the boundary limits is known as Off-Site Emergency. In ESPL, the requirements of the On-Site Emergency Plan are addressed due to fire hazard only.

This On-Site Emergency Plan is prepared for Eloquent Steel Pvt. Ltd in accordance with the guidelines provided by the Ministry of Environment & Forests & Climate Change (MoEF & CC), Govt. of India, covering the various hazardous processes and the bulk storages of hazardous materials etc., in different departments.

**Risk and Disaster Management Plan**

**HAZARD IDENTIFICATION AND DETAILS OF PROPOSED SAFETY SYSTEMS**

**Identification of Hazards**

Hazard is in fact the characteristics of a system/plant/storage that presents potential for an accident and risk is the probability of occurrence of hazard. Hence hazard identification is of prime significance for the quantification of risk and for cost-effective control of accidents in any industrial installation. Various techniques of predictive hazard evaluation and quantitative risk analysis suggest identification of hazard has very important role in estimation of probability of an undesired event and its consequences on the basis of risk quantification in terms of damage to personnel, property and environment.

Hazards are mostly manifested in the form of fire/ explosion/ toxic release. Each anticipated hazard scenario associated in the unit is described along with its assessment of impact on plant and locality in the following table:

**ANTICIPATED HAZARD SCENARIO:**

| Type of Hazard | Areas                                                 | Preventive / Mitigation measures                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Fire           | SAF & Induction Furnace and Store                     | Regular monitoring being done to check out the leakage/spillage if any. Fire protection measures (Foam Trolley, DCP cylinder and hydrant system) are provided. Area is as "No Smoking Zone". Sufficient space and barricading are provided with restriction of un-authorized persons movement in the area.                                                                                                                                                                                                    |
| Dust           | Raw material handling & storage yard                  | Raw materials are transported in the trucks with tarpaulin covers. Raw materials like sponge iron and coke are kept under the shed and other like Mn-ore are kept on concreted land with tarpaulin cover. Water sprinkling facility is provided for dust suppression during material handling in the yard. Conveyor belts used for raw material feeding are properly covered. PPEs like nose mask, safety helmet, safety shoes and safety goggles are provided to persons, deployed for working in this area. |
| Noise          | Blower house, Air compressor house, DG & Pump houses. | Equipment's are suitably covered in building with adequate ventilation, Silent type DG sets are provided to attenuate the noise level against outside exposure and area keeps generally unmanned, however working personnel are provided with ear plugs and ear muffs during inspections.                                                                                                                                                                                                                     |
| Heat Exposure  | Ferro Alloys & SMS                                    | Providing proper PPE like leg guards with shoes, Face shield, leather hand gloves, Leather/Asbestos Aprons, helmets etc. cooling fans, air blower etc.                                                                                                                                                                                                                                                                                                                                                        |
| Acid exposure  | Laboratory                                            | Acid and Base used are being kept on isolated place with proper leveling. Personnel handling these chemical being well equipped with PPEs like rubber hand gloves, apron, nose mask, face shield/safety goggles, safety shoes etc. Once any person gets exposed to acid or base the affected parts are thoroughly washed with cold water and necessary first/medical aid is given to the victim.                                                                                                              |

**Risk and Disaster Management Plan****IDENTIFICATION OF MOST CREDIBLE HAZARD SCENARIOS**

All the anticipated hazard scenarios associated with the factory (as listed above) are critically analyzed and identified credible scenario is fire hazard which may take place during opening of tape hole of SAF and carrying hot metal in induction Furnace to CCM. Whenever the HSD comes in contact with flame or it may auto ignite at 225°C temperature. Flash point of HSD is 66°C and it is not a flammable liquid. Tank fire spreads vertically taking a conical shape due to rush of air from all directions.

Since the suitable firefighting system are provided to control emergency situations. On the basis of above consideration, identified fire hazard or the pool fire due to fire hazard in the storage tank is not considered as most credible scenario.

But in case of disaster due to natural calamities a disaster management team will come to action.

**KEY PERSONNEL**

Key personnel are the directed and nominated people, each having specified responsibilities as a part of a coordinated plan.

The main key personnel are:

- Works Incident Controller.
- Site Incident Controller.
- Works Main Controller.
- Other key personnel who have the key Role to play are senior personnel from all sections e.g. production, maintenance, laboratory, medical, transport, safety, security etc.

**Role of Key Persons****Works Incident Controller (WIC)**

The Works Incident Controllers are the departmental heads of respective divisions for SAF and SMS whose duties include the direction of the efforts and lead to onsite emergency response team to control the situation.

Since in the initial stages of emergency, the Works Incident Controller may be called on to take decisions involving the operations of other plants, it is necessary for the person selected to have a thorough knowledge of the overall works situation.

The person working as shift in-charge/manager i. e., an individual having overall control of the works processes for a shift shall work in the authority of WIC when the Works Incident Controller (WIC) may be off-site or affected by the emergency.

**Site Incident Controller (SIC)**

He will be available at the factory or in the colony nearby. At any point of time and on being informed about an accident, he has to:

- Intimate the Works Main Controller (WMC) and proceed to the emergency site.
- Take the necessary information from Combat Team Leader (CTL), assess the situation and call Rescue Team Leader (RTL) and Auxiliary Team Leader (ATL).

**Risk and Disaster Management Plan**

- Inform Works Main Controller (WMC) regarding the situation.
- Take necessary steps and provide guidance to Combat Team, Rescue Team, and Auxiliary Team Leaders to mitigate the emergency situation.
- Examine for major emergency shutdown operation activities, decide safe escape route and announce for evacuation to Assembly Point.
- Inform Works Main Controller (WMC) about the status of the situation at regular intervals.

**Works Main Controller (WMC)**

The Works Main Controller is the Director of the unit and is generally available in the factory or reside in the nearby except on tours. On emergency, he can reach work site at any odd hour within 30-45minutes time. In his absence, GM at Plant shall take up his charge as Works Main Controller (WMC)

In the major situation, decisions will have to be taken by Works Main Controller (WMC) by collaboration with the senior managers at works which may affect the whole or a substantial part of the works and senior officers of the outside services as per site situation.

After getting informed of an emergency situation WMC will rush to the emergency site, collect all information from SIC and

- Decide if emergency is to be declared and advise Site Incident Controller (SIC) accordingly and reach Emergency Control Room (ECR).
- Take decision to shut-down the plant if necessary to take up repair and other combating measures.
- Advise Rescue Team Leader (RTL)/Security Gate to blow the siren with appropriate code for declaration of emergency.

**Emergency Siren**

**Twenty Seconds with a pause of Five Seconds for 5 times**

- Advice (Auxiliary Team Leader) ATL for communication to statutory authorities and for mutual aid as required.
- Through Auxiliary Team Leader (ATL) shall ensure constant communication to statutory authorities and to mutual aid partners as required.
- Maintain continuous communication with Site Incident Controller (SIC) to review the situation and assess the possible course of action for emergency operations.
- To declare normalcy at the end of operation and advise Rescue Team Leader (RTL)/Security Gate to blow "all clear siren"

**All Clear Siren will be blown for 1 minute continuously.**

- Ensure the record keeping of emergency operations chronologically.

**Essential Personnel**

The Works Incident Controller/Main Controller will be supported by a Task Force of suitably trained people. The nature of essential works to be performed is:

- Shutdown of Plants

**Risk and Disaster Management Plan**

- Isolation, repairing of the affected equipment /pipeline etc.
- First Aid and removal of the injured persons to hospital.

**COMBAT TEAM LEADER**

He is the leader to attend to the emergency and is available in the factory or in the colony at any instant.

On being informed about an accident, he has to:

- Immediately rush to the site and lead the rescue team to control the situation.
- Inform Site incident controller (SIC) about the incident and request him to rush to the spot.
- Give the necessary instructions to the rescue team to combat the situation
- Co-ordinate the activities of team members and combat the emergency, so as to eliminate the root cause of the hazard.
- To arrest the leakage and spillage from various equipment, shut down the concerned equipment.
- Take necessary action to remove unwanted persons from the site of the incident.
- Keep informed about the developments to Site Incident Controller (SIC).

**RESCUE TEAM LEADER**

He is the person who conducts rescue operations and should be available at any instant. On receiving the information about the incident he has to:

- Rush to site of emergency through safe route.
- Ensure presence of all his team members, availability of firefighting facilities and take necessary action to arrest the fires/leakage of gas.
- Arrange for safe escape of entrapped persons.
- Make necessary arrangements to send the affected persons for immediately medical attention through the medical officer.
- Search for the missing persons on the basis of role call taken by Auxiliary team leader (ATL).
- Give the feedback to the site incident controller (SIC) about the developments.

**AUXILIARY TEAM LEADER**

He is the communication manager for the crisis management. On being informed of the emergency, he should proceed to Emergency Control Room (ECR) and:

- Keep in constant touch with works main controller (WMC) and Site Incident Controller (SIC).
- Inform the Statutory Authorities and District Administration.
- Communicate to mutual Aid Partners, Fire service stations at Asansol
- Send communications to District Hospital Paschim Bardhaman at Asansol for rendering services.

**Risk and Disaster Management Plan**

- Inform the relatives of casualties and send them to their residence or hospital as the case may be.
- Take care of visit of the authorities to the Emergency site.
- Give feed back to work main controller (WMC) about the status with respect to his areas of activities.

**ACTION PLAN FOR RISK AND DISASTER MANAGEMENT**

| SL. NO. | INITIATOR                         | ACTION TO TAKE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.      | The person noticing the emergency | <ul style="list-style-type: none"> <li>• Inform the Security Gate and concerned Shift-in-charge immediately. Shift-in-charge will inform immediately to Comba Team Leader of concerned area.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                         |
| 2.      | Combat team Leader (CTL)          | <ul style="list-style-type: none"> <li>• Inform Site Incident Controller (SIC) and rush to spot and organize his team.</li> <li>• Take charge of the situation, arrange for firefighting and medical first-aid available at site.</li> <li>• To start combating, shut-down equipments, arrest the leakage of gas/fire.</li> </ul>                                                                                                                                                                                                                                               |
| 3.      | Site Incident Controller (SIC)    | <ul style="list-style-type: none"> <li>• Inform works Main Controller (WMC) and rush to emergency site.</li> <li>• Discuss with Combat Team Leader (CTL), assesses the situation and call the Rescue Team Leader (RTL) &amp; Auxiliary Team Leader (ATL).</li> <li>• Organize the Rescue Team and Auxiliary Team and send the rescue Team to site.</li> <li>• Arrange to evacuate the unwanted persons and call for additional help.</li> <li>• Pass information to the works main controller (WMC) periodically about the position at site.</li> </ul>                         |
| 4.      | Works main Controller (WMC)       | <ul style="list-style-type: none"> <li>• Rush to emergency site and observe the ongoing activities.</li> <li>• Take stock of the situation in consultation with the SIC.</li> <li>• Move to Emergency Control Room.</li> <li>• Take decision on declaration of emergency.</li> <li>• Advise Auxiliary Team Leader to inform the statutory authorities and seek help of mutual aid from partners as required.</li> <li>• Decide on declaration of cessation of emergency.</li> <li>• Ensure that the emergency operations are recorded chronologically.</li> </ul>               |
| 5.      | Rescue Team Leader (RTL)          | <ul style="list-style-type: none"> <li>• Consult with Site incident controller (SIC) and organize his team with amenities to arrest firefighting and medical treatment.</li> <li>• Rush to Emergency Site through safe route along with the team members.</li> <li>• Arrange to set off the fire by firefighting equipments and hydrant points to arrest the fire or to evacuate the area.</li> <li>• Shift the injured persons to hospital by ambulance after providing necessary first aid.</li> <li>• To inform the auxiliary team Leader for necessary help from</li> </ul> |

**Risk and Disaster Management Plan**

| SL. NO. | INITIATOR            | ACTION TO TAKE                                                                                                                                                                                                                                                                                                                                                                                     |
|---------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                      | mutual aid Partners.                                                                                                                                                                                                                                                                                                                                                                               |
| 6.      | Auxiliary Team (ATL) | <ul style="list-style-type: none"> <li>On being directed by works main Controller (WMC) informs about the emergency to statutory authorities.</li> <li>Seek help of Mutual Aid partners and Coordinate with Mutual Aid partners to render their services.</li> <li>Arrange to inform the relatives of casualties.</li> <li>Take care of visit of the authorities to the emergency site.</li> </ul> |
| 7.      | Team members         | Each of the team members should follow the instruction of concerned team leader to mitigate the emergency.                                                                                                                                                                                                                                                                                         |

**Salient Hour Command Structure**

- The Senior Officers/ Key Persons of the plant remain during day time i.e. B.A.M. to 8P.M. Hence the timing of 8P.M. to 8A.M. is considered as silent hour that to 10P.M. to 8A.M. is the crucial time. Still each and every unit/section of the plant is headed by shift in charge in the rank of Officer, Engineer or Sr. Engineer or Asst. Manager, who shall be responsible for handling the emergency. The other supporting/services and emergency sections like Fire Service, Ambulance, Security, Personnel, Water Supply, Transport departments etc. are also running for 24 hours shift wise with shift in charge and crew to handle emergency during the silent hour till main command personnel arrives. However, most of the key persons of the main command structure reside in nearby area and can reach within minimum time.
- The command structure of the silent hour shall be same as during normal hour, however, during the silent hour, the operation Shift-in charge of the concerned area where the fire or leakage of gas has taken place, shall act as SIC-in-charge, till the arrival of actual designation members.

**ACTIVATION & CLOSING PROCEDURE FOR ON-SITE EMERGENCY ACTIVATION PROCEDURE**

The person noticing the incident of fire or leakage of gas, shall inform about the location & nature of fire to the combat team Leader (CTL), security Gate and concerned Shift-in-charge.

Combat team Leader (CTL) shall inform site incident controller (SIC) and shall rush to the site immediately. He shall arrange for firefighting and first aid available at site. He shall arrange to take necessary steps to eliminate the root cause of fire.

Site incident controller (SIC) on getting information shall inform the WMC and reach the site at the earliest. He shall take over the charge and shall direct Rescue Team Leader (RTL) to carry out rescue operations including firefighting and medical attention. Site incident controller (SIC) shall co-ordinate with Combat team leader (CTL) to eliminate the root cause of fire.

- Work main controller (WMC), on arrival at site shall take stock of the situation from site incident controller (SIC) and then rush to emergency control room (ECR) to declare emergency on the basis of assessment made by (Site incident controller (SIC). He shall give direction to the security gate/ (Rescue Team Leader) RTL to activate siren.
- Twenty seconds with a pause of five seconds for 5 times for fire Accident.

**Risk and Disaster Management Plan**

- Thirty seconds with a pause of five seconds for 5 times for leakage of gas.
- Rescue Team Leader (RTL) shall mobilize fire-fighting and medical resources to site and shall assist [Site incident Controller] SIC.
- Auxiliary Team Leader (ATL) shall take charge of Emergency Control Room (ECR), shall ensure smooth operation of ECR and shall inform relatives of casualties. Informs mutual Aid partners and ensures their arrival at site if required.
- Auxiliary Team Leader (ATL) informs statutory authorities and district administration regarding emergency suitably and coordinates their visit at site.
- Works main controller (WMC) coordinates and keeps the track of all the activities at site and off the site and arranges the recording of the activities in a chronological manner for review of the Onsite emergency Plan.

**FACILITIES AVAILABLE FOR ON-SITE EMERGENCYPLAN:**

**Assembly Point**

In any emergency it will be necessary to evacuate people from affected zones or the zones likely to be affected, to a safer place. Safer places are identified and designated as Assembly Points. Taking the area and hazard zones into consideration four assembly points have been marked in four different areas these are:

- 1- Near Administrative Building (Assembly Point-1)
- 2- Near OHC Area (Assembly Point-2)
- 3- Between SMS & Ferro Metal Yard (Assembly Point-3)
- 4- Near Plant Main Gate (Assembly Point-4)

Above the points are well connectable to the plant road and facilities like drinking water, temporary shelter and first aid is available there. These points are displayed at different places inside plant and near administrative building.

**Escape routes:**

Escape routes are those that, allow reasonably safe passage of persons from the work area to assembly point during emergency situation. These routes would be different depending on wind direction, Fire and explosion scenario. Escape routes are ear marked on the drawings as well as on the routes, which will facilitate all for safe evacuation.

**Emergency Control Room (ECR):**

The emergency Control Room is a place from which all emergency management operation are directed and coordinated. Also it is the place from where all communication will be established, with outside agencies and district authority also.

**Facilities Available at ECR:**

- Plant general Layout, ear marked with hazard zone, Assembly points and escape routes.
- List of working personnel in various shifts and general shift.
- Mobile telephone Nos., of emergency command structure personnel.
- Emergency command structure.
- Rhythmical siren code for different emergency situation.

**Risk and Disaster Management Plan**

- Relevant material safety data sheet.
- Emergency Control Room Register.
- First Aid Box with antidotes.
- Required personal protective equipment's with self-carrying breathing apparatus.

**Fire Extinguishers**

Required types of fire extinguishers are provided at different locations of the plant.

**Fire Buckets**

Fire buckets filled with dry sand are provided in different locations of the plant.

**Siren**

Company Has Siren/ hooter arrangement, which can be activated manually during fire related emergency.

**Communication**

Public address system and EPABX telephone are available for effective communication inside the plant. Telephone directory is available in all the departments.

**Dispensary**

An organized First-aid centre with ambulance, stretchers, oxygen cylinder etc. is placed inside the factory. The First-aid centre is manned by one Doctor/pharmacist and one attendant. An external Ambulance service is hired to meet emergency situation. The first-aid center is manned round the clock. In the case of emergency, affected employees are being referred to nearby Govt. hospital at Pithaikeyari Block Hospital or Asansol as required and in serious case to the hospital tied up with the company.

**First Aid Box**

Company has provided First Aid boxes with required first aid medicines at different locations inside the plant to address minor injuries. First aid boxes are checked by the pharmacists once in a month & medicines are filled/replaced. The first aid boxes are provided in the following locations:

SAF, Administrative building, SMS and Security Office.

**Risk and Disaster Management Plan****DISASTER MANAGEMENT PLAN****Introduction:**

Disaster may be defined as a sudden occurrence of incidence in such a magnitude as to affect the normal pattern of life inside or in the vicinity of plant which has the potential of causing extensive injury or loss of life or damage to property and tend to cause disruption inside/outside the site.

Hazardous substances are being handled, generated and stored in increasing quantities at various manufacturing facilities in recent years. This has posed a serious risk for the plant, persons and the environment encompassing thereof. The disasters following incidents in some industrial units handling hazardous substances in the last 2 to 3 decades has made it imperative for all concerned to devise measures and implement them immediately and effectively to mitigate their adverse effects, if not, to totally eliminate them. The need to protect human being, the flora and fauna as well as our biodiversity against these potential dangers has prompted the government for promulgation of various statutory provisions for preparation of hazard mitigation plans based on their risk impacts.

The Factories (Amendment) Act 1987 and manufacture storage and Import of Hazardous Chemical Rules- 1989 has provided regulation making mandatory for all owners of hazardous undertakings to prepare for their Onsite Emergency Plan in a pragmatic way and keep those well re-harassed for rapid action in actual crisis situation.

The goal of DMP is the effective containment of the emergency situation by proper mitigative action at the place of occurrence, cautioning people in adjoining affected localities; prompt rescue and provisions of medical aid to affected persons and communication to civil authorities for rushing in help from outside.

This objective being achieved by defining the functions and responsibilities of all concerned managerial, operational and supporting services department personnel with respect to detection and effective implementation of emergency action plan.

**Objectives of Disaster Management Plan (DMP):**

The objectives of DMP is to describe and spell out industry's emergency response actions that requires to be initiated to deal with various emergencies that could occur at the facility, with the response organization structure deployed in the shortest possible time. Thus the objective of emergency response plan can be summarized as:

- ✓ Rapid control and containment of the hazardous situation.
- ✓ Minimization of the risk and impact of event / accident.
- ✓ Effective rehabilitation of the affected persons and prevention of damage to property.

**Elements of DMP:**

In order to effectively achieve the above mentioned objectives, the critical elements of the DMP are:

- Reliable and early detection of an emergency and careful planning.
- The command, co-ordination, and response organization structure along with clearly demarcated line and staff function.
- The availability of resources for handling emergencies.
- Appropriate emergency response actions forecasted with least margin of error.

**Risk and Disaster Management Plan**

- Effective notification and communication facilities.
- Proper training of the concerned personnel.
- Regular review and updating of the DMP.

The DMP has been opened up with a foreword duly signed by the plant-in-charge.

**Responsibility of Implementation of DMP:**

Responsibility for establishing and maintaining an Emergency Preparedness Plan/DMP belongs to the Plant-in-charge. He is responsible for the control of the plan, and for ensuring that the plan is applicable and implementing procedures are operated during emergency situation and are reviewed and revised annually.

As a member of top management he is responsible for the training of personnel to ensure that adequate emergency response capabilities are maintained in accordance with the plan. He is also responsible for ensuring the regular conduct of drills and other measures, as outlined in the DMP.

**Risk and Disaster Management Plan**

**EMERGENCY COMMAND STRUCTURE**

Works Main Controller (WMC)  
Mr. Nand Lal Maurya- VP



Site Incident Controller (SIC)  
Mr. T.N. Patro (GM-Ferro)  
Mr. Ajit Kr. Dixit (AGM-SMS)



Auxiliary Team Leader (ATL)

1. Mr. M. Chattopadhyaya (GM, HR & Admin)
2. Mr. T. N. Patro (GM-Ferro, Production)
3. Mr. Ajit Kr. Dixit (AGM – SMS, Production)
4. R. K. Mishra (GM-EHS)

Combat Team Leader (CTL)

1. Mr. Abhijit Ghosh (Manager – Ferro, Mechanical)
2. Mr. Chandan Chakraborty (Manager – Ferro, Electrical)
3. Mr. Anand K Burnwal (Manager – SMS, Maintenance)

Rescue Team Leader (RTL)

1. Mr. Jitendra Kr. Jha (HoD, HR & Admin)
2. Mr. Prithwish Jana (Sr. Safety Officer)



Members

1. Mr. Abhay Srivastava (Ferro Production)
2. Mr. Yogendra Kumar (Ferro Production)
3. Mr. Arun K Yadav (Ferro Production)
4. Mr. Munna Hela (Ferro Production)
5. Mr. Suraj Agarwal (Despatch)
6. Mr. Surendra Mishra (Security)

Members

1. Mr. Parimal Bouri (Ferro Mechanical)
2. Mr. Md. Aslam (Ferro Mechanical)
3. Mr. Chanchal Kundu (Ferro Electrical)
4. Mr. Rajesh K Nandi (SMS Maintenance)
5. Mr. Jiten Barman (SMS Electrical)

Members

1. Mr. Niraj Tiwari (HR)
2. Mr. Sanjeev K Singh (Administration)
3. Mr. Rahul Chatterjee (Administration)
4. Mr. Prasenjit Bouri (Store)
5. Mr. Arun Paul (Security)

**Risk and Disaster Management Plan**

**TELEPHONE NUMBERS OF EMERGENCY COMMAND TEAM**

| Sl No. | Name                    | Position in Team               | Mob. Number |
|--------|-------------------------|--------------------------------|-------------|
| 1      | Mr. Nand Lal Maurya     | Works Main Controller (WMC)    | 9748737733  |
| 2      | Mr. T.N. Patro          | Site Incident Controller (SIC) | 7605089102  |
| 3      | Mr. Jai Prakash Singh   |                                | 9832889395  |
| 4      | Mr. M. Chattopadhyaya   | Auxiliary Team Leader (ATL)    | 8367850085  |
| 5      | Mr. Gajendra Singh      |                                | 8210254029  |
| 6      | Mr. Ajit Kr. Dixit      |                                | 9163845533  |
| 7      | Mr. R. K. Mishra        |                                | 8695621900  |
| 8      | Mr. Abhijit Ghosh       | Combat Team Leader (CTL)       | 8170003749  |
| 9      | Mr. Chandan Chakraborty |                                | 8373819925  |
| 10     | Mr. Anand K Burnwal     |                                | 9572564278  |
| 11     | Mr. Jagannath Bera      | Rescue Team Leader (RTL)       | 8250708382  |

**EMERGENCY CONTACT NUMBERS:**

| Sl No. | Name                                      | Mob. Number    | FAX. No.     |
|--------|-------------------------------------------|----------------|--------------|
| 1      | Factory Main Gate                         | 7605089199     |              |
| 2      | Factory Security In-charge                | 7605089199     |              |
| 3      | Factory Medical Unit/Ambulance            | 7605089103     |              |
| 4      | Govt. Ambulance Service                   | 101            |              |
| 5      | Factory Safety officer                    | 7605089168     |              |
| 6      | District Magistrate Paschim Bardhaman     | -              | 0341-2554545 |
| 7      | Superintendent of Police                  | -              | 0341-2257962 |
| 8      | Additional Superintend of Police, Asansol | -              | 0341-2252640 |
| 9      | Asansol Police Control                    | -              | 0341-2203287 |
| 10     | Chief Medical Officer                     | 9474782394     |              |
| 11     | Sub Divisional Hospital, Asansol          | -              | 0341-2252176 |
| 12     | ADM (G).                                  | -              | 0341-2253010 |
| 13     | OC Disaster Management                    | 8777860955     |              |
| 14     | Dy. Chief Inspector of Factories          | 9433649808     | 0341-2252644 |
| 15     | Sub Divisional Officer, Asansol           |                | 0341-2252222 |
| 16     | Fire Station Raghunathpur                 | 8584027313/314 | 03251-203550 |
| 17     | Fire Station Asansol                      | -              | 0341-2304506 |
| 18     | Asansol District Hospital                 | -              | 0341-2304040 |
| 19     | Pithaikayari Block Hospital               | 7547945591     | -            |
| 20     | Pithaikayari, BMHO                        | 9547687716     | -            |
| 21     | Police Station Salanpur                   | -              | 0341-2531118 |

## ANNEXURE-17

## ELOQUENT STEEL PRIVATE LIMITED

### Health Checkup Summary Under Form 17

NAKRAJORIA, PO. & PS. SALANPUR, DIST. WEST BURDWAN, WEST BENGAL, PIN-713357

Periodical Health checkup details of Employee Dated From 03.12.2024 - 10.12.2024

#### ON ROLL EMPLOYEE

| Sl. No. | Name of the Employees   | Employee Code | Designation             | AGE | PARAMETERS |     |        |             |           |            |                         |             |  | Remarks |
|---------|-------------------------|---------------|-------------------------|-----|------------|-----|--------|-------------|-----------|------------|-------------------------|-------------|--|---------|
|         |                         |               |                         |     | Weight     | RBS | BP     | Blood Group | RH Factor | Audiometry | Pulmonary Function Test | Chest x-ray |  |         |
| 1       | MUKUL CHANDRA BOY       | E10000485     | ACCOUNT EXECUTIVE       | 57  | 73         | 100 | 120/80 | A           | POSITIVE  | NAD        | NAD                     | NAD         |  |         |
| 2       | SUMAN KUMAR             | E10000505     | FITTER                  | 33  | 59         | 95  | 110/70 | B           | POSITIVE  | NAD        | NAD                     | NAD         |  |         |
| 3       | BAMESH YADAV            | E10000509     | TURNER                  | 30  | 55         | 81  | 100/70 | O           | POSITIVE  | NAD        | NAD                     | NAD         |  |         |
| 4       | CHIRAJ KR VARMA         | E10000508     | FITTER                  | 25  | 65         | 73  | 110/70 | O           | POSITIVE  | NAD        | NAD                     | NAD         |  |         |
| 5       | VIJAY KUMAR             | E10000504     | TURNER                  | 38  | 58         | 81  | 100/80 | O           | POSITIVE  | NAD        | NAD                     | NAD         |  |         |
| 6       | SEKHAR LAL              | E10000510     | SHAPERMAN               | 28  | 70         | 75  | 120/80 | O           | POSITIVE  | NAD        | NAD                     | NAD         |  |         |
| 7       | AKASH MAHATO            | E10000497     | FITTER                  | 25  | 54         | 80  | 110/70 | O           | POSITIVE  | NAD        | NAD                     | NAD         |  |         |
| 8       | BIJUNILAL YADAV         | E10000562     | SHAPERMAN               | 29  | 67         | 85  | 120/70 | B           | POSITIVE  | NAD        | NAD                     | NAD         |  |         |
| 9       | SANTOSH YADAV           | E10000508     | TURNER                  | 28  | 57         | 88  | 110/80 | B           | POSITIVE  | NAD        | NAD                     | NAD         |  |         |
| 10      | DEBASISH SEN            | E10000563     | SR. CHEMIST             | 37  | 66         | 88  | 100/70 | B           | NEGATIVE  | NAD        | NAD                     | NAD         |  |         |
| 11      | NAND LAL MAURYA         | E10000501     | PLANT HEAD              | 48  | 77         | 87  | 110/70 | B           | POSITIVE  | NAD        | NAD                     | NAD         |  |         |
| 12      | GASTI DUTTA             | E10000502     | SUPERVISOR              | 54  | 63         | 80  | 140/77 | B           | POSITIVE  | NAD        | NAD                     | NAD         |  |         |
| 13      | T.N PATRA               | E10000503     | GM                      | 49  | 85         | 115 | 130/80 | O           | POSITIVE  | NAD        | NAD                     | NAD         |  |         |
| 14      | ABHAY KUMAR SHIVASTAVA  | E10000505     | PRODUCTION MANAGER      | 29  | 90         | 95  | 130/80 | O           | POSITIVE  | NAD        | NAD                     | NAD         |  |         |
| 15      | SAVITOMI MITRA          | E10000509     | ACM COM                 | 40  | 71         | 84  | 120/90 | O           | POSITIVE  | NAD        | NAD                     | NAD         |  |         |
| 16      | ITENDER JHA             | E10000527     | ACM HR                  | 41  | 65         | 101 | 150/70 | O           | POSITIVE  | NAD        | NAD                     | NAD         |  |         |
| 17      | SANJEEV SINGH           | E10000501     | ASSISTANT MANAGER       | 48  | 81         | 87  | 120/72 | B           | POSITIVE  | NAD        | NAD                     | NAD         |  |         |
| 18      | MUNNA HELA              | E10000505     | BATCH OPERATOR          | 49  | 81         | 108 | 130/80 | AB          | POSITIVE  | NAD        | NAD                     | NAD         |  |         |
| 19      | GOPAL YADAV             | E10000555     | EXECUTIVE               | 47  | 65         | 69  | 110/80 | A           | POSITIVE  | NAD        | NAD                     | NAD         |  |         |
| 20      | PRASENIT BISWAS         | E10000510     | DEPUTY MANAGER          | 45  | 78         | 68  | 120/90 | B           | POSITIVE  | NAD        | NAD                     | NAD         |  |         |
| 21      | NAVAYAN SARKAR          | E10000501     | ASST. GM                | 63  | 85         | 112 | 160/90 | O           | NEGATIVE  | NAD        | NAD                     | NAD         |  |         |
| 22      | BIJAJI RATHI DEY        | E10000534     | GL FITTER               | 29  | 75         | 79  | 140/80 | B           | POSITIVE  | NAD        | NAD                     | NAD         |  |         |
| 23      | NIRBHAY KUMAR           | E10000530     | ELECTRICIAN             | 37  | 61         | 95  | 120/80 | B           | POSITIVE  | NAD        | NAD                     | NAD         |  |         |
| 24      | HARJEET SINGH           | E10000505     | WELDER                  | 29  | 87         | 100 | 100/70 | B           | POSITIVE  | NAD        | NAD                     | NAD         |  |         |
| 25      | ANUPAMA PAL             | E10000545     | ASST. MANAGER-ACCOUNTS  | 39  | 68         | 144 | 110/70 | B           | POSITIVE  | NAD        | NAD                     | NAD         |  |         |
| 26      | RAJENDRA KUMAR          | E10000504     | HR OFFICER              | 37  | 68         | 90  | 140/80 | O           | POSITIVE  | NAD        | NAD                     | NAD         |  |         |
| 27      | GOPKANT DEY             | E10000503     | ELECTRICIAN             | 33  | 55         | 84  | 110/80 | O           | POSITIVE  | NAD        | NAD                     | NAD         |  |         |
| 28      | CHAMAN JAY CHAKRABORTI  | E10000508     | MRF OPERATOR            | 53  | 75         | 86  | 140/90 | O           | POSITIVE  | NAD        | NAD                     | NAD         |  |         |
| 29      | NAVJYOT KUMAR SHIVASTAV | E10000521     | ASST. MANAGER           | 36  | 67         | 87  | 120/80 | A           | POSITIVE  | NAD        | NAD                     | NAD         |  |         |
| 30      | ANAND KUMAR BARNAL      | E10000499     | ACM SMS ELECTRICAL      | 38  | 85         | 112 | 120/80 | AB          | POSITIVE  | NAD        | NAD                     | NAD         |  |         |
| 31      | KAJAL MONDAL            | E10000507     | ENGINEER COM ELECTRICAL | 27  | 84         | 81  | 100/70 | AB          | POSITIVE  | NAD        | NAD                     | NAD         |  |         |
| 32      | AWANISH PANDEY          | E10000503     | EXECUTIVE ACCOUNTS      | 49  | 74         | 103 | 100/85 | B           | NEGATIVE  | NAD        | NAD                     | NAD         |  |         |
| 33      | SATTADIP CHEL           | E10000508     | DET SMS ELECTRICAL      | 19  | 84         | 84  | 110/70 | O           | POSITIVE  | NAD        | NAD                     | NAD         |  |         |
| 34      | SEIR MOOI               | E10000500     | DET COM ELECTRICAL      | 33  | 80         | 108 | 100/88 | A           | POSITIVE  | NAD        | NAD                     | NAD         |  |         |
| 35      | SUSANTA BAGGI           | E10000509     | DET COM ELECTRICAL      | 33  | 59         | 85  | 120/85 | B           | POSITIVE  | NAD        | NAD                     | NAD         |  |         |
| 36      | DEEPAK KUMAR PANDEY     | E10000523     | ELECTRICIAN             | 38  | 66         | 70  | 150/90 | B           | POSITIVE  | NAD        | NAD                     | NAD         |  |         |
| 37      | PANKAJ KUMAR SINGH      | E10000500     | ELECTRICIAN             | 38  | 72         | 92  | 100/80 | A           | POSITIVE  | NAD        | NAD                     | NAD         |  |         |
| 38      | RAM KRISHNA BOY         | E10000501     | ELECTRICIAN             | 29  | 65         | 80  | 100/70 | B           | POSITIVE  | NAD        | NAD                     | NAD         |  |         |
| 39      | PRADIP KUMAR GANGULY    | E10000528     | HR EXECUTIVE            | 52  | 80         | 90  | 100/70 | B           | POSITIVE  | NAD        | NAD                     | NAD         |  |         |
| 40      | BAPI DAS                | E10000500     | SUPERVISOR CIVIL        | 40  | 85         | 77  | 100/80 | O           | POSITIVE  | NAD        | NAD                     | NAD         |  |         |

#### NOTE

RBS: Random blood sugar

BP: BLOOD PRESSURE

WRR: WORK RELATED MEDICAL REHABILITATION

NAD: NO ABNORMALITY DETECTED.

**Dr. Santanu Mondal**  
MBBS (Cal) D.C.H. (Del)  
Authorised Medical Attendant  
Regn. No. - 53861 (WB MC)

**Dr. Santanu Mondal**  
MBBS (Cal) D.C.H. (Del)  
Authorised Medical Attendant  
Regn. No. - 53861 (WB MC)

*Santanu Mondal*



## ELOQUENT STEEL PRIVATE LIMITED

### Health Checkup Summary Under Form 17

NAKRAJORIA, PO. & PS. SALANPUR, DIST. WEST BURDWAN, WEST BENGAL, PIN-713357

Periodical Health checkup details of Employees Dated From 03.12.2024-10.12.2024

#### ON ROLL EMPLOYEE

| Sl. No. | Name of the Employees | Father's name | Designation                 | AGE | PARAMETERS |     |        |             |           |            |                         |             | Remarks |
|---------|-----------------------|---------------|-----------------------------|-----|------------|-----|--------|-------------|-----------|------------|-------------------------|-------------|---------|
|         |                       |               |                             |     | Weight     | RBS | BP     | Blood Group | RH factor | Audiometry | Pulmonary Function Test | Chest x ray |         |
| 41      | HARENDER YADAV        | E1000059      | RMD SHIFT INCHARGE          | 37  | 84         | 86  | 100/90 | A           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 42      | AGNISER SHARMA        | E1000066      | ASST. MANAGER(RMD-DISPATCH) | 40  | 68         | 105 | 130/80 | B           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 43      | GAJENDRA KUWAR        | E1000065      | MANAGER(RMD-PRODUCTION)     | 38  | 90         | 84  | 140/80 | B           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 44      | CHANDAN CHAKRABORTY   | E1000064      | ACM-ELECTRICAL-FERRO        | 49  | 70         | 145 | 130/80 | O           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 45      | SANDIP GHOSH          | E1000065      | SE ENGINEER(RMD-ELECTRICAL) | 38  | 85         | 134 | 100/70 | B           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 46      | RAHUL ACHARJEE        | E1000065      | ADMIN ASSISTANT             | 29  | 39         | 98  | 100/80 | O           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 47      | RAHUL CHATTERJEE      | E1000060      | SPL. EXECUTIVE-ADMS III     | 31  | 61         | 87  | 100/70 | A           | NEGATIVE  | NAD        | NAD                     | NAD         |         |
| 48      | PRITHWISH JANA        | E1000063      | SR. OFFICER SAFETY          | 33  | 79         | 96  | 100/80 | O           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 49      | SURAJIT GHOSH         | E1000070      | JR. OFFICER SAFETY          | 38  | 81         | 87  | 130/80 | O           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 50      | KAMAL KISHOR SINGH    | E1000064      | OFFICER SAFETY              | 39  | 88         | 94  | 120/80 | B           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 51      | SUNE SONI             | E1000069      | SHIFT INCHARGE              | 48  | 90         | 87  | 128/88 | B           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 52      | PAWAN SAH             | E1000079      | SR. FITTER                  | 46  | 68         | 100 | 125/78 | B           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 53      | RAHUL KUMAR           | E1000076      | SUPERVISOR                  | 31  | 65         | 93  | 140/80 | B           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 54      | GARTI DAS             | E1000070      | SUPERVISOR                  | 40  | 82         | 74  | 130/75 | O           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 55      | SUMAN DAS             | E1000089      | PUMP OPERATOR               | 27  | 73         | 86  | 112/77 | A           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 56      | BASANT PANDEY         | E1000093      | MANAGER                     | 54  | 85         | 91  | 141/93 | AB          | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 57      | JYOTI PRANASH         | E1000054      | SRL ENGINEER                | 36  | 60         | 109 | 100/81 | O           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 58      | DHANANJAY RAI         | E1000044      | ELECTRICIAN                 | 26  | 55         | 128 | 105/79 | O           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 59      | NIRBHAY KUMAR         | E1000059      | ELECTRICIAN                 | 30  | 69         | 105 | 128/86 | B           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 60      | MADHAB BANERJEE       | E1000053      | FITTER                      | 28  | 71         | 98  | 118/75 | O           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 61      | PRAMOD KUMAR SACH     | E1000051      | SENIOR FITTER               | 48  | 89         | 77  | 130/80 | AB          | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 62      | SUBHAN KUMAR          | E1000052      | ROLL ASSEMBLY FITTER        | 34  | 67         | 83  | 104/80 | B           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 63      | SERHAR LAL            | E1000050      | SHAPERMAN                   | 28  | 60         | 91  | 114/81 | O           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 64      | RATAN HALDER          | E1000056      | MILL FITTER                 | 44  | 83         | 81  | 105/76 | A           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 65      | AVIJIT KARMAKAR       | E1000075      | OPERATOR                    | 23  | 54         | 73  | 100/83 | B           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 66      | MUNNA BISAR YADAV     | E1000072      | PULPET OPERATOR             | 35  | 61         | 95  | 140/74 | O           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 67      | COURAB BANGALI        | E1000075      | ELECTRICIAN                 | 23  | 52         | 105 | 100/70 | O           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 68      | UJJWAL MONDAL         | E1000064      | PUMP OPERATOR               | 29  | 80         | 111 | 100/74 | B           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 69      | SHABU JHA             | E1000061      | ASSISTANT ENGINEER          | 30  | 72         | 79  | 110/78 | A           | POSITIVE  | NAD        | NAD                     | NAD         |         |

#### NOTE

RBS- Random blood sugar

BP- BLOOD PRESSURE

WMB- WORK RELATED MEDICAL REHABILITATION

NAD- NO ABNORMALITY DETECTED

**Dr. Santanu Mondal**  
MBBS (Cal) D.C.H. (Del.)  
Authorised Medical Attendant  
Regn. No. - 53861 (WB MC)

*Santanu Mondal*

# **ELOQUENT STEEL PRIVATE LIMITED**

Health Checkup Summary Under Form 17

NAKRAJORIA, PO. & PS. SALANPUR, DIST. WEST BURDWAN, WEST BENGAL, PIN-713357

Periodical Health checkup details of Employees From Dated 03.12.2024-10.12.2024

## **OFF ROLL EMPLOYEE**

| Sl. No. | Name of the Employees | Name of the Contractor     | Designation               | Employee Code | AGE | PARAMETERS |     |        |             |           |            |                         |             |         |
|---------|-----------------------|----------------------------|---------------------------|---------------|-----|------------|-----|--------|-------------|-----------|------------|-------------------------|-------------|---------|
|         |                       |                            |                           |               |     | Weight     | RBS | BP     | Blood Group | RH factor | Audiometry | Pulmonary Function Test | Chest X-ray | Remarks |
| 1       | TAPAS BAURI           | ARY MAX LAMBI              | HELPER                    | C10021        | 31  | 61         | 104 | 110/50 | B           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 2       | SOMYA SORON           | SALIAN ENTERPRISE          | DRIVER                    | C10009        | 34  | 71         | 92  | 110/50 | B           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 3       | ATESH BAURI           | SARKAR ENTERPRISE          | LAB HELPER                | C10025        | 23  | 56         | 70  | 100/50 | B           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 4       | KARNAN KUMAR RAM      | MAA BHAWANI CONSTRUCTION-1 | SUPERVISOR                | C10089        | 26  | 58         | 99  | 110/50 | B           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 5       | RAVUL BHATTACHARYA    | MAA BHAWANI CONSTRUCTION-1 | HELPER                    | C10071        | 26  | 58         | 92  | 100/50 | B           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 6       | RAJ KUMAR             | MAA VASNAWI                | SHIFT INCHARGE            | C10023        | 37  | 67         | 81  | 100/50 | B           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 7       | SUDOSH KUMAR MORDAL   | MAA VASNAWI                | TRAMMER MAN               | C10024        | 40  | 58         | 92  | 100/50 | B           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 8       | ABEEN NAHMAN RAZ      | MAA VASNAWI                | MOBILE OPERATOR           | C10066        | 35  | 72         | 84  | 100/50 | O           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 9       | MOJIBUL MUHAMMAD      | MAA BHAWANI CONSTRUCTION-2 | HELPER                    | C10073        | 30  | 59         | 105 | 110/50 | B           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 10      | NOOR AHMAD            | MAA BHAWANI CONSTRUCTION-2 | HELPER                    | C10070        | 28  | 67         | 77  | 100/50 | AB          | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 11      | SUMON HANSEN          | SARKAR ENTERPRISE          | WORKER                    | C10094        | 25  | 72         | 108 | 100/50 | O           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 12      | SWAPNA KANAL KATMAKAR | M.A ENTERPRISE             | MANUFACTURING (PRODUCION) | C10085        | 49  | 75         | 100 | 100/50 | O           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 13      | BIKRAM SINGH          | DASHMESH TRANSPORT         | DRIVER                    | C10009        | 45  | 77         | 95  | 100/50 | O           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 14      | ANANDAN RAJAK         | MAA VASNAWI                | PUMP OPERATOR             | C10072        | 51  | 61         | 100 | 100/50 | B           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 15      | ANIL ROY              | PYSRM                      | KUNDA MAN                 | C10006        | 43  | 60         | 109 | 100/50 | O           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 16      | ANIL KUMAR            | PYSRM                      | CHIEF SHEAR               | C10048        | 37  | 69         | 104 | 100/50 | O           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 17      | SANJAY KALAM          | UNIT-TECH                  | BELT                      | C10069        | 39  | 65         | 81  | 100/50 | B           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 18      | KUNJ ROY              | M.A ENTERPRISE             | FORKLIFT OPERATOR         | C10027        | 37  | 71         | 75  | 100/50 | B           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 19      | DEEPA KUMAR SHARMA    | M.A ENTERPRISE             | SUPERVISOR                | C10098        | 28  | 59         | 99  | 100/50 | B           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 20      | DEEPA KUMAR           | M.A ENTERPRISE             | CRANE OPERATOR            | C10043        | 35  | 58         | 105 | 100/50 | A           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 21      | DEEPA KUMAR           | M.A ENTERPRISE             | CRANE OPERATOR            | C10043        | 35  | 58         | 105 | 100/50 | A           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 22      | SARIT SH SINGH        | M.A ENTERPRISE             | FITTER                    | C10056        | 37  | 62         | 94  | 100/50 | AB          | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 23      | GOUTAM ROY            | M.A ENTERPRISE             | OPERATOR                  | C10045        | 40  | 64         | 83  | 100/50 | O           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 24      | GOUTAM DAS            | M.A ENTERPRISE             | MANAGER (PRODUCION)       | C10048        | 38  | 69         | 67  | 100/50 | B           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 25      | HARE KRISHNA ROY      | M.A ENTERPRISE             | OPERATOR                  | C10088        | 47  | 79         | 100 | 100/50 | AB          | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 26      | MO. NAJIB             | M.A ENTERPRISE             | OPERATOR                  | C10043        | 32  | 79         | 105 | 100/50 | B           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 27      | MO. SAMIRUDDIN        | M.A ENTERPRISE             | EXECUTIVE                 | C10048        | 35  | 68         | 98  | 100/50 | B           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 28      | NAZIMUDDIN ROY        | M.A ENTERPRISE             | TAPPER                    | C10058        | 30  | 61         | 100 | 100/50 | B           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 29      | RINTU KUMAR           | M.A ENTERPRISE             | OPERATOR                  | C10032        | 30  | 60         | 100 | 100/50 | AB          | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 30      | RAVUL RUTIM           | M.A ENTERPRISE             | CRANE OPERATOR            | C10072        | 33  | 71         | 88  | 100/50 | O           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 31      | SANDEEP DEY           | M.A ENTERPRISE             | SHIFT INCHARGE            | C10043        | 34  | 70         | 73  | 100/50 | B           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 32      | SANJO BAURI           | M.A ENTERPRISE             | TAPPERMAN                 | C10048        | 42  | 88         | 100 | 100/50 | O           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 33      | RINJO MURMU           | M.A ENTERPRISE             | C.R.O                     | C10057        | 38  | 65         | 81  | 100/50 | B           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 34      | SARADHAN MANDI        | M.A ENTERPRISE             | FITTER                    | C10043        | 44  | 84         | 100 | 100/50 | O           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 35      | KALI JINNA            | M.A ENTERPRISE             | FITTER                    | C10045        | 42  | 60         | 98  | 100/50 | O           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 36      | WISSAM CHoudhury      | M.A ENTERPRISE             | FITTER                    | C10024        | 35  | 77         | 100 | 100/50 | AB          | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 37      | MO. MDAN ANWAR        | M.A ENTERPRISE             | HELPER                    | C10080        | 39  | 82         | 78  | 100/50 | B           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 38      | MO. ARMAN             | M.A ENTERPRISE             | HELPER                    | C10088        | 38  | 55         | 68  | 100/50 | B           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 39      | PRASANTA ROY          | M.A ENTERPRISE             | HELPER                    | C10045        | 35  | 70         | 70  | 100/50 | A           | POSITIVE  | NAD        | NAD                     | NAD         |         |
| 40      | SUMAN PAL             | M.A ENTERPRISE             | WELDER                    | C10043        | 32  | 80         | 100 | 100/50 | AB          | POSITIVE  | NAD        | NAD                     | NAD         |         |

**NOTE:**

RBS: Random blood sugar  
BP: BLOOD PRESSURE  
WMR: WORK RELATED MEDICAL REHABILITATION  
NAD: NO ABNORMALITY DETECTED.

**Dr. Santanu Mondal**  
MBBS (Cal) D.C.H. (Del.)  
Authorized Medical Attendant  
Regn. No. - 53861 (WB MC)



## ANNEXURE-18

# ELOQUENT STEEL PRIVATE LIMITED

Vill. – Nakrajoria, P.O. + P.S. – Salanpur, Dist. – Paschim Bardhaman, WB

## ELEGANT CARE FOUNDATION

### REPORT ON CSR ACTIVITIES: OCT-25 TO MARCH-26.

| Project                                       | Segment                             | Activities                                                                                                                                                                  | Villages Covered     | Photographs                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sprinkling of water on roads at nearby areas. | Health, Drinking water & Sanitation | To reduce the dust and control air pollution, ECF has been implemented two water sprinkler tankers to spray water outside the plant premises from early morning to evening. | Dendua panchyat area |     |

|                                                              |                                          |                                                                                                                                                                                                                      |                                                            |                                                                                      |
|--------------------------------------------------------------|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|--------------------------------------------------------------------------------------|
| <p><b>Street lights for local village road (30 nos.)</b></p> | <p><b>Infrastructure Development</b></p> | <p>As part of our commitment to community infrastructure and environmental sustainability, This CSR project will improve visibility and road safety for commuters traveling between Dendua to Nacrajoria village</p> | <p>Dendua to Nacrajoria village road</p>                   |    |
| <p><b>Barricade for traffic control</b></p>                  | <p><b>Health &amp; Safety</b></p>        | <p>The primary purposes of traffic barricades are to promote road safety, reduce accidents, and manage the flow of vehicles and pedestrians to ensure safety in hazardous areas.</p>                                 | <p>Kulti Traffic Police &amp; Neamatpur Traffic Police</p> |  |

|                                                        |                                                       |                                                                                                                                                                                                                                  |                                           |                                                                                      |
|--------------------------------------------------------|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------|
| <p><b>Hari mandir Shed</b></p>                         | <p><b>Infrastructure Development</b></p>              | <p>Contributing a shed for the temple strengthens our CSR commitment by enhancing community infrastructure and providing a safe, weather-protected space for local devotees to gather.</p>                                       | <p>Nacrajoria Village</p>                 |    |
| <p><b>Distribution of food &amp; grocery items</b></p> | <p><b>Health, Drinking water &amp; Sanitation</b></p> | <p>The distribution of food and grocery items to the Hindustan Cables Punarbasan Samity stands as a key pillar of our CSR activities, aimed at enhancing food security and supporting the well-being of the local community.</p> | <p>Hindustan cables Punarbasan samaty</p> |  |

## ANNEXURE-19

## **CORPORATE ENVIRONMENTAL POLICY**

**M/S Eloquent Steel Private Limited (ESPL)** is engaged in production of steel products is committed towards clean and sustainable environment. The mission of Eloquent Steel Private Limited is to produce steel in an environment friendly manner and strive to:

- ❖ Integrate sound environmental management practices in all the activities.
- ❖ Conduct the operations in environmentally responsible manner to minimize pollution and its' impact on environment.
- ❖ Comply with applicable legal and other requirements related to environmental aspects of the operations and strive to go beyond. The environmental management cell will be headed by EHS-Head.
- ❖ The company shall ensure that deviations from this policy and cases of violations/non-compliances of Environment or Forest Laws, if any, shall be reported to the Board of Directors through Jt. M.D. and shall identify and designate responsible person for ensuring compliance with the Environmental Laws and Regulations.
- ❖ Conserve energy, and other natural resources, minimize waste generation and promote recovery, recycle and reuse practices.
- ❖ Increase greenery in and around the plant.
- ❖ Ensure continual improvement in environmental performance by setting & reviewing objectives & targets.
- ❖ Encourage environmental awareness amongst employees and the general populace around the plant.
- ❖ Maintain transparency in matters of Environmental Compliance.

The hierarchical system/administrative order to deal with issues related to environmental compliance shall be as follows:

For M/S Eloquent Steel Private Limited

  
**Director**



## ANNEXURE-20



# WHAT'S ON PAPER MATTERS.

To book your copy, SMS reaches to 87675 or visit us at [order@bsn.in](mailto:order@bsn.in)

Business Standard  
Insight Out

**Pharmaceuticals & Medical Devices Bureau of India (PMBI)**  
(Under Department of Pharmaceuticals, Govt. of India)  
B-1, 4th Floor, Vignesh Tower, Bandra West, Mumbai-400050  
Telephone: 011-46411800/46411801/46411802/46411803/46411804/46411805  
Website: [pmbi.gov.in](http://pmbi.gov.in)

## e-TENDER FOR SUPPLY OF DRUGS ON RATE CONTRACT BASIS FOR TWO YEARS

e-tender for supply of 232 nos. of DRUGS for "Pradhan Mantri Bhartiya Janaushadhi Pariyojana (PMBJP)" are invited by PMBI. Last date and time for submission of online bids against e-tender no. PMBI/DRUG/RC-208/2023 for supply of DRUGS is 16.04.2023 up to 17.00 hours. For detailed eligibility criteria, terms & conditions of the tender, please see the website <https://janaushadhi.gov.in> & <http://procure.gov.in/procure/app>.

CEO

**HEADQUARTERS**  
**Employees' State Insurance Corporation**  
(Ministry of Labour & Employment, Govt. of India)  
Employees' State Insurance, C-14, Sector-10, Gurgaon-122002  
Website: [www.esic.gov.in](http://www.esic.gov.in), Email: [esic@esic.gov.in](mailto:esic@esic.gov.in)

## CORROGUMEN / EXTENSION OF LAST DATE FOR SUBMISSION OF TENDER

With reference to Request for Proposal (RFP) for Appointment as Consultant of Services for Employees' State Insurance Corporation (ESIC) Investments (Tender ID: 2023/ESIC/744442) dated 08/03/2023 issued on EPP Portal (<https://procure.gov.in/procure/app>), following status of the RFP has been updated as detailed below:

| S.No. | Details                                                                                 | Existing Date and Time     | Extended Date and Time     |
|-------|-----------------------------------------------------------------------------------------|----------------------------|----------------------------|
| 1     | Response to the question of answers to the questions on the ESIC website and EPP portal | On or before 07 March 2023 | On or before 08 March 2023 |
| 2     | Last date for submission of proposal                                                    | 14 March 2023, 10:30 AM    | 28 March 2023, 10:30 AM    |
| 3     | Proposal submission till                                                                | 14 March 2023, 11:00 AM    | 28 March 2023, 11:00 AM    |

Bt

Director (Finance) ESIC

**FOSECO INDIA LIMITED**  
Regd. Office: 2nd Floor, 222 & 223, Naraina, New Delhi-110028  
Bandra Branch: 402/208, 402/209, 402/210, 402/211, 402/212, 402/213, 402/214, 402/215, 402/216, 402/217, 402/218, 402/219, 402/220, 402/221, 402/222, 402/223, 402/224, 402/225, 402/226, 402/227, 402/228, 402/229, 402/230, 402/231, 402/232, 402/233, 402/234, 402/235, 402/236, 402/237, 402/238, 402/239, 402/240, 402/241, 402/242, 402/243, 402/244, 402/245, 402/246, 402/247, 402/248, 402/249, 402/250, 402/251, 402/252, 402/253, 402/254, 402/255, 402/256, 402/257, 402/258, 402/259, 402/260, 402/261, 402/262, 402/263, 402/264, 402/265, 402/266, 402/267, 402/268, 402/269, 402/270, 402/271, 402/272, 402/273, 402/274, 402/275, 402/276, 402/277, 402/278, 402/279, 402/280, 402/281, 402/282, 402/283, 402/284, 402/285, 402/286, 402/287, 402/288, 402/289, 402/290, 402/291, 402/292, 402/293, 402/294, 402/295, 402/296, 402/297, 402/298, 402/299, 402/300, 402/301, 402/302, 402/303, 402/304, 402/305, 402/306, 402/307, 402/308, 402/309, 402/310, 402/311, 402/312, 402/313, 402/314, 402/315, 402/316, 402/317, 402/318, 402/319, 402/320, 402/321, 402/322, 402/323, 402/324, 402/325, 402/326, 402/327, 402/328, 402/329, 402/330, 402/331, 402/332, 402/333, 402/334, 402/335, 402/336, 402/337, 402/338, 402/339, 402/340, 402/341, 402/342, 402/343, 402/344, 402/345, 402/346, 402/347, 402/348, 402/349, 402/350, 402/351, 402/352, 402/353, 402/354, 402/355, 402/356, 402/357, 402/358, 402/359, 402/360, 402/361, 402/362, 402/363, 402/364, 402/365, 402/366, 402/367, 402/368, 402/369, 402/370, 402/371, 402/372, 402/373, 402/374, 402/375, 402/376, 402/377, 402/378, 402/379, 402/380, 402/381, 402/382, 402/383, 402/384, 402/385, 402/386, 402/387, 402/388, 402/389, 402/390, 402/391, 402/392, 402/393, 402/394, 402/395, 402/396, 402/397, 402/398, 402/399, 402/400, 402/401, 402/402, 402/403, 402/404, 402/405, 402/406, 402/407, 402/408, 402/409, 402/410, 402/411, 402/412, 402/413, 402/414, 402/415, 402/416, 402/417, 402/418, 402/419, 402/420, 402/421, 402/422, 402/423, 402/424, 402/425, 402/426, 402/427, 402/428, 402/429, 402/430, 402/431, 402/432, 402/433, 402/434, 402/435, 402/436, 402/437, 402/438, 402/439, 402/440, 402/441, 402/442, 402/443, 402/444, 402/445, 402/446, 402/447, 402/448, 402/449, 402/450, 402/451, 402/452, 402/453, 402/454, 402/455, 402/456, 402/457, 402/458, 402/459, 402/460, 402/461, 402/462, 402/463, 402/464, 402/465, 402/466, 402/467, 402/468, 402/469, 402/470, 402/471, 402/472, 402/473, 402/474, 402/475, 402/476, 402/477, 402/478, 402/479, 402/480, 402/481, 402/482, 402/483, 402/484, 402/485, 402/486, 402/487, 402/488, 402/489, 402/490, 402/491, 402/492, 402/493, 402/494, 402/495, 402/496, 402/497, 402/498, 402/499, 402/500, 402/501, 402/502, 402/503, 402/504, 402/505, 402/506, 402/507, 402/508, 402/509, 402/510, 402/511, 402/512, 402/513, 402/514, 402/515, 402/516, 402/517, 402/518, 402/519, 402/520, 402/521, 402/522, 402/523, 402/524, 402/525, 402/526, 402/527, 402/528, 402/529, 402/530, 402/531, 402/532, 402/533, 402/534, 402/535, 402/536, 402/537, 402/538, 402/539, 402/540, 402/541, 402/542, 402/543, 402/544, 402/545, 402/546, 402/547, 402/548, 402/549, 402/550, 402/551, 402/552, 402/553, 402/554, 402/555, 402/556, 402/557, 402/558, 402/559, 402/560, 402/561, 402/562, 402/563, 402/564, 402/565, 402/566, 402/567, 402/568, 402/569, 402/570, 402/571, 402/572, 402/573, 402/574, 402/575, 402/576, 402/577, 402/578, 402/579, 402/580, 402/581, 402/582, 402/583, 402/584, 402/585, 402/586, 402/587, 402/588, 402/589, 402/590, 402/591, 402/592, 402/593, 402/594, 402/595, 402/596, 402/597, 402/598, 402/599, 402/600, 402/601, 402/602, 402/603, 402/604, 402/605, 402/606, 402/607, 402/608, 402/609, 402/610, 402/611, 402/612, 402/613, 402/614, 402/615, 402/616, 402/617, 402/618, 402/619, 402/620, 402/621, 402/622, 402/623, 402/624, 402/625, 402/626, 402/627, 402/628, 402/629, 402/630, 402/631, 402/632, 402/633, 402/634, 402/635, 402/636, 402/637, 402/638, 402/639, 402/640, 402/641, 402/642, 402/643, 402/644, 402/645, 402/646, 402/647, 402/648, 402/649, 402/650, 402/651, 402/652, 402/653, 402/654, 402/655, 402/656, 402/657, 402/658, 402/659, 402/660, 402/661, 402/662, 402/663, 402/664, 402/665, 402/666, 402/667, 402/668, 402/669, 402/670, 402/671, 402/672, 402/673, 402/674, 402/675, 402/676, 402/677, 402/678, 402/679, 402/680, 402/681, 402/682, 402/683, 402/684, 402/685, 402/686, 402/687, 402/688, 402/689, 402/690, 402/691, 402/692, 402/693, 402/694, 402/695, 402/696, 402/697, 402/698, 402/699, 402/700, 402/701, 402/702, 402/703, 402/704, 402/705, 402/706, 402/707, 402/708, 402/709, 402/710, 402/711, 402/712, 402/713, 402/714, 402/715, 402/716, 402/717, 402/718, 402/719, 402/720, 402/721, 402/722, 402/723, 402/724, 402/725, 402/726, 402/727, 402/728, 402/729, 402/730, 402/731, 402/732, 402/733, 402/734, 402/735, 402/736, 402/737, 402/738, 402/739, 402/740, 402/741, 402/742, 402/743, 402/744, 402/745, 402/746, 402/747, 402/748, 402/749, 402/750, 402/751, 402/752, 402/753, 402/754, 402/755, 402/756, 402/757, 402/758, 402/759, 402/760, 402/761, 402/762, 402/763, 402/764, 402/765, 402/766, 402/767, 402/768, 402/769, 402/770, 402/771, 402/772, 402/773, 402/774, 402/775, 402/776, 402/777, 402/778, 402/779, 402/780, 402/781, 402/782, 402/783, 402/784, 402/785, 402/786, 402/787, 402/788, 402/789, 402/790, 402/791, 402/792, 402/793, 402/794, 402/795, 402/796, 402/797, 402/798, 402/799, 402/800, 402/801, 402/802, 402/803, 402/804, 402/805, 402/806, 402/807, 402/808, 402/809, 402/810, 402/811, 402/812, 402/813, 402/814, 402/815, 402/816, 402/817, 402/818, 402/819, 402/820, 402/821, 402/822, 402/823, 402/824, 402/825, 402/826, 402/827, 402/828, 402/829, 402/830, 402/831, 402/832, 402/833, 402/834, 402/835, 402/836, 402/837, 402/838, 402/839, 402/840, 402/841, 402/842, 402/843, 402/844, 402/845, 402/846, 402/847, 402/848, 402/849, 402/850, 402/851, 402/852, 402/853, 402/854, 402/855, 402/856, 402/857, 402/858, 402/859, 402/860, 402/861, 402/862, 402/863, 402/864, 402/865, 402/866, 402/867, 402/868, 402/869, 402/870, 402/871, 402/872, 402/873, 402/874, 402/875, 402/876, 402/877, 402/878, 402/879, 402/880, 402/881, 402/882, 402/883, 402/884, 402/885, 402/886, 402/887, 402/888, 402/889, 402/890, 402/891, 402/892, 402/893, 402/894, 402/895, 402/896, 402/897, 402/898, 402/899, 402/900, 402/901, 402/902, 402/903, 402/904, 402/905, 402/906, 402/907, 402/908, 402/909, 402/910, 402/911, 402/912, 402/913, 402/914, 402/915, 402/916, 402/917, 402/918, 402/919, 402/920, 402/921, 402/922, 402/923, 402/924, 402/925, 402/926, 402/927, 402/928, 402/929, 402/930, 402/931, 402/932, 402/933, 402/934, 402/935, 402/936, 402/937, 402/938, 402/939, 402/940, 402/941, 402/942, 402/943, 402/944, 402/945, 402/946, 402/947, 402/948, 402/949, 402/950, 402/951, 402/952, 402/953, 402/954, 402/955, 402/956, 402/957, 402/958, 402/959, 402/960, 402/961, 402/962, 402/963, 402/964, 402/965, 402/966, 402/967, 402/968, 402/969, 402/970, 402/971, 402/972, 402/973, 402/974, 402/975, 402/976, 402/977, 402/978, 402/979, 402/980, 402/981, 402/982, 402/983, 402/984, 402/985, 402/986, 402/987, 402/988, 402/989, 402/990, 402/991, 402/992, 402/993, 402/994, 402/995, 402/996, 402/997, 402/998, 402/999, 402/1000, 402/1001, 402/1002, 402/1003, 402/1004, 402/1005, 402/1006, 402/1007, 402/1008, 402/1009, 402/1010, 402/1011, 402/1012, 402/1013, 402/1014, 402/1015, 402/1016, 402/1017, 402/1018, 402/1019, 402/1020, 402/1021, 402/1022, 402/1023, 402/1024, 402/1025, 402/1026, 402/1027, 402/1028, 402/1029, 402/1030, 402/1031, 402/1032, 402/1033, 402/1034, 402/1035, 402/1036, 402/1037, 402/1038, 402/1039, 402/1040, 402/1041, 402/1042, 402/1043, 402/1044, 402/1045, 402/1046, 402/1047, 402/1048, 402/1049, 402/1050, 402/1051, 402/1052, 402/1053, 402/1054, 402/1055, 402/1056, 402/1057, 402/1058, 402/1059, 402/1060, 402/1061, 402/1062, 402/1063, 402/1064, 402/1065, 402/1066, 402/1067, 402/1068, 402/1069, 402/1070, 402/1071, 402/1072, 402/1073, 402/1074, 402/1075, 402/1076, 402/1077, 402/1078, 402/1079, 402/1080, 402/1081, 402/1082, 402/1083, 402/1084, 402/1085, 402/1086, 402/1087, 402/1088, 402/1089, 402/1090, 402/1091, 402/1092, 402/1093, 402/1094, 402/1095, 402/1096, 402/1097, 402/1098, 402/1099, 402/1100, 402/1101, 402/1102, 402/1103, 402/1104, 402/1105, 402/1106, 402/1107, 402/1108, 402/1109, 402/1110, 402/1111, 402/1112, 402/1113, 402/1114, 402/1115, 402/1116, 402/1117, 402/1118, 402/1119, 402/1120, 402/1121, 402/1122, 402/1123, 402/1124, 402/1125, 402/1126, 402/1127, 402/1128, 402/1129, 402/1130, 402/1131, 402/1132, 402/1133, 402/1134, 402/1135, 402/1136, 402/1137, 402/1138, 402/1139, 402/1140, 402/1141, 402/1142, 402/1143, 402/1144, 402/1145, 402/1146, 402/1147, 402/1148, 402/1149, 402/1150, 402/1151, 402/1152, 402/1153, 402/1154, 402/1155, 402/1156, 402/1157, 402/1158, 402/1159, 402/1160, 402/1161, 402/1162, 402/1163, 402/1164, 402/1165, 402/1166, 402/1167, 402/1168, 402/1169, 402/1170, 402/1171, 402/1172, 402/1173, 402/1174, 402/1175, 402/1176, 402/1177, 402/1178, 402/1179, 402/1180, 402/1181, 402/1182, 402/1183, 402/1184, 402/1185, 402/1186, 402/1187, 402/1188, 402/1189, 402/1190, 402/1191, 402/1192, 402/1193, 402/1194, 402/1195, 402/1196, 402/1197, 402/1198, 402/1199, 402/1200, 402/1201, 402/1202, 402/1203, 402/1204, 402/1205, 402/1206, 402/1207, 402/1208, 402/1209, 402/1210, 402/1211, 402/1212, 402/1213, 402/1214, 402/1215, 402/1216, 402/1217, 402/1218, 402/1219, 402/1220, 402/1221, 402/1222, 402/1223, 402/1224, 402/1225, 402/1226, 402/1227, 402/1228, 402/1229, 402/1230, 402/1231, 402/1232, 402/1233, 402/1234, 402/1235, 402/1236, 402/1237, 402/1238, 402/1239, 402/1240, 402/1241, 402/1242, 402/1243, 402/1244, 402/1245, 402/1246, 402/1247, 402/1248, 402/1249, 402/1250, 402/1251, 402/1252, 402/1253, 402/1254, 402/1255, 402/1256, 402/1257, 402/1258, 402/1259, 402/1260, 402/1261, 402/1262, 402/1263, 402/1264, 402/1265, 402/1266, 402/1267, 402/1268, 402/1269, 402/1270, 402/1271, 402/1272, 402/1273, 402/1274, 402/1275, 402/1276, 402/1277, 402/1278, 402/1279, 402/1280, 402/1281, 402/1282, 402/1283, 402/1284, 402/1285, 402/1286, 402/1287, 402/1288, 402/1289, 402/1290, 402/1291, 402/1292, 402/1293, 402/1294, 402/1295, 402/1296, 402/1297, 402/1298, 402/1299, 402/1300, 402/1301, 402/1302, 402/1303, 402/1304, 402/1305, 402/1306, 402/1307, 402/1308, 402/1309, 402/1310, 402/1311, 402/1312, 402/1313, 402/1314, 402/1315, 402/1316, 402/1317, 402/1318, 402/1319, 402/1320, 402/1321, 402/1322, 402/1323, 402/1324, 402/1325, 402/1326, 402/1327, 402/1328, 402/1329, 402/1330, 402/1331, 402/1332, 402/1333, 402/1334, 402/1335, 402/1336, 402/1337, 402/1338, 402/1339, 402/1340, 402/1341, 402/1342, 402/1343, 402/1344, 402/1345, 402/1346, 402/1347, 402/1348, 402/1349, 402/1350, 402/1351, 402/1352, 402/1353, 402/1354, 402/1355, 402/1356, 402/1357, 402/1358, 402/1359, 402/1360, 402/1361, 402/1362, 402/1363, 402/1364, 402/1365, 402/1366, 402/1367, 402/1368, 402/1369, 402/1370, 402/1371, 402/1372, 402/1373, 402/1374, 402/1375, 402/1376, 402/1377, 4

## ANNEXURE-21

To,  
The District Magistrate,  
Dist-Paschim Bardhaman

Date: 24.03.2023

Sub: Information on grant of Environmental Clearance (EC) for the "Amalgamation & Modification cum Expansion by M/s Eloquent Steel Pvt. Ltd. For 336,000 TPA Billet Production along with Rolling Mill for production of 210,000 TPA Rolled Product, Installation of 150,000 TPA Briquette Plant, 108,000 TPA Sinter Plant and addition of Pig Iron as product from the Existing Submerged Arc Furnace, located at Village: Nakrajoria, P.O.: Salanpur, District: Paschim Bardhaman, West Bengal."

Ref: EC Letter vide F. No. - J-11011/188/2011-IA.II(I), dated 16.03.2023

Dear Sir,

With respect to the subject and above cited reference this to inform that we have obtained Environmental Clearance (EC) from Ministry of Environment, Forest and Climate Change, Govt. of India, vide F. No. J-11011/188/2011-IA.II(I), dated 016.03.2023, for Amalgamation & Modification cum Expansion by M/s Eloquent Steel Pvt. Ltd. For 336,000 TPA Billet Production along with Rolling Mill for production of 210,000 TPA Rolled Product, Installation of 150,000 TPA Briquette Plant, 108,000 TPA Sinter Plant and addition of Pig Iron as product from the Existing Submerged Arc Furnace, located at Village: Nakrajoria, P.O.: Salanpur, District: Paschim Bardhaman, West Bengal."

In compliance of the directions stipulated in the 'Miscellaneous Condition No. ii' a copy of obtained Environmental Clearance is attached herewith for your kind information and necessary consideration please.

Thanking you and with regards,

For Eloquent Steel Pvt. Limited

(Authorized Signatory)

Encl: As mentioned above



To,  
The General Manager,  
D.I.C., Paschim Bardhaman,

Date: 24.03.2023

Sub: Information on grant of Environmental Clearance (EC) for the "Amalgamation & Modification cum Expansion by M/s Eloquent Steel Pvt. Ltd. For 336,000 TPA Billet Production along with Rolling Mill for production of 210,000 TPA Rolled Product, Installation of 150,000 TPA Briquette Plant, 108,000 TPA Sinter Plant and addition of Pig Iron as product from the Existing Submerged Arc Furnace, located at Village: Nakrajoria, P.O.: Salanpur, District: Paschim Bardhaman, West Bengal."

Ref: EC Letter vide F. No. - J-11011/188/2011-IA.II(I), dated 016.03.2023

Dear Sir,

With respect to the subject and above cited reference this to inform that we have obtained Environmental Clearance (EC) from Ministry of Environment, Forest and Climate Change, Govt. of India, vide F. No. J-11011/188/2011-IA.II(I), dated 016.03.2023, for Amalgamation & Modification cum Expansion by M/s Eloquent Steel Pvt. Ltd. For 336,000 TPA Billet Production along with Rolling Mill for production of 210,000 TPA Rolled Product, Installation of 150,000 TPA Briquette Plant, 108,000 TPA Sinter Plant and addition of Pig Iron as product from the Existing Submerged Arc Furnace, located at Village: Nakrajoria, P.O.: Salanpur, District: Paschim Bardhaman, West Bengal."

In compliance of the directions stipulated in the 'Miscellaneous Condition No. ii' a copy of obtained Environmental Clearance is attached herewith for your kind information and necessary consideration please.

Thanking you and with regards,

For Eloquent Steel Pvt. Limited

(Authorized Signatory)

6005  
27-03-2023  
Received (Contents not Verified)  
Hon. the Secy. Genl. & Sub-secy. Durgapur,  
Durgapur, Govt. of West Bengal

Encl: As mentioned above

To,

Date: 24.03.2023

**The Pradhan**

Salanpur Gram Panchayat,

Dist-Paschim Bardhaman

**Sub: Information on grant of Environmental Clearance (EC) for the "Amalgamation & Modification cum Expansion by M/s Eloquent Steel Pvt. Ltd. For 336,000 TPA Billet Production along with Rolling Mill for production of 210,000 TPA Rolled Product, Installation of 150,000 TPA Briquette Plant, 108,000 TPA Sinter Plant and addition of Pig Iron as product from the Existing Submerged Arc Furnace, located at Village: Nakrajoria, P.O.: Salanpur, District: Paschim Bardhaman, West Bengal."**

Ref: EC Letter vide F. No. - J-11011/188/2011-IA.II(I), dated 016.03.2023

Dear Sir,

With respect to the subject and above cited reference this to inform that we have obtained Environmental Clearance (EC) from Ministry of Environment, Forest and Climate Change, Govt. of India, vide F. No. J-11011/188/2011-IA.II(I), dated 016.03.2023, for Amalgamation & Modification cum Expansion by M/s Eloquent Steel Pvt. Ltd. For 336,000 TPA Billet Production along with Rolling Mill for production of 210,000 TPA Rolled Product, Installation of 150,000 TPA Briquette Plant, 108,000 TPA Sinter Plant and addition of Pig Iron as product from the Existing Submerged Arc Furnace, located at Village: Nakrajoria, P.O.: Salanpur, District: Paschim Bardhaman, West Bengal."

In compliance of the directions stipulated in the "Miscellaneous Condition No. ii" a copy of obtained Environmental Clearance is attached herewith for your kind information and necessary consideration please.

Thanking you and with regards,

For Eloquent Steel Pvt. Limited

(Authorized Signatory)



Encl: As mentioned above

To,  
**The Block Development Officer,**  
Salanpur Development Block,  
Dist-Paschim Bardhaman.

Date: 24.03.2023

Sub: **Information on grant of Environmental Clearance (EC) for the "Amalgamation & Modification cum Expansion by M/s Eloquent Steel Pvt. Ltd. For 336,000 TPA Billet Production along with Rolling Mill for production of 210,000 TPA Rolled Product, Installation of 150,000 TPA Briquette Plant, 108,000 TPA Sinter Plant and addition of Pig Iron as product from the Existing Submerged Arc Furnace, located at Village: Nakraoria, P.O.: Salanpur, District: Paschim Bardhaman, West Bengal."**

Ref: EC Letter vide F. No. - J-11011/188/2011-IA.II(I), dated 016.03.2023

Dear Sir,

With respect to the subject and above cited reference this to inform that we have obtained Environmental Clearance (EC) from Ministry of Environment, Forest and Climate Change, Govt. of India, vide F. No. J-11011/188/2011-IA.II(I), dated 016.03.2023, for Amalgamation & Modification cum Expansion by M/s Eloquent Steel Pvt. Ltd. For 336,000 TPA Billet Production along with Rolling Mill for production of 210,000 TPA Rolled Product, Installation of 150,000 TPA Briquette Plant, 108,000 TPA Sinter Plant and addition of Pig Iron as product from the Existing Submerged Arc Furnace, located at Village: Nakraoria, P.O.: Salanpur, District: Paschim Bardhaman, West Bengal."

In compliance of the directions stipulated in the 'Miscellaneous Condition No. ii' a copy of obtained Environmental Clearance is attached herewith for your kind information and necessary consideration please.

Thanking you and with regards,

For Eloquent Steel Pvt. Limited

  
(Authorized Signatory)

Encl: As mentioned above

To,  
The Sub-Divisional Officer,  
Asansol Sub-Division,  
Dist - Paschim Bardhaman.

Date: 24.03.2023

Sub: Information on grant of Environmental Clearance (EC) for the "Amalgamation & Modification cum Expansion by M/s Eloquent Steel Pvt. Ltd. For 336,000 TPA Billet Production along with Rolling Mill for production of 210,000 TPA Rolled Product, Installation of 150,000 TPA Briquette Plant, 108,000 TPA Sinter Plant and addition of Pig Iron as product from the Existing Submerged Arc Furnace, located at Village: Nakrajoria, P.O.: Salanpur, District: Paschim Bardhaman, West Bengal."

Ref: EC Letter vide F. No. - J-11011/188/2011-IA.II(I), dated 016.03.2023

Dear Sir,

With respect to the subject and above cited reference this to inform that we have obtained Environmental Clearance (EC) from Ministry of Environment, Forest and Climate Change, Govt. of India, vide F. No. J-11011/188/2011-IA.II(I), dated 016.03.2023, for Amalgamation & Modification cum Expansion by M/s Eloquent Steel Pvt. Ltd. For 336,000 TPA Billet Production along with Rolling Mill for production of 210,000 TPA Rolled Product, Installation of 150,000 TPA Briquette Plant, 108,000 TPA Sinter Plant and addition of Pig Iron as product from the Existing Submerged Arc Furnace, located at Village: Nakrajoria, P.O.: Salanpur, District: Paschim Bardhaman, West Bengal."

In compliance of the directions stipulated in the 'Miscellaneous Condition No. ii' a copy of obtained Environmental Clearance is attached herewith for your kind information and necessary consideration please.

Thanking you and with regards,

For Eloquent Steel Pvt. Limited

(Authorized Signatory)

Encl: As mentioned above

Govt. of West Bengal  
Office of the Secretary  
D. No. Asansol  
25.03.23  
Secretary, Paschim Bardhaman

To,  
The Salanpur Panchayat Samity,  
Dist - Paschim Bardhaman

Date: 24.03.2023

Sub: Information on grant of Environmental Clearance (EC) for the "Amalgamation & Modification cum Expansion by M/s Eloquent Steel Pvt. Ltd. For 336,000 TPA Billet Production along with Rolling Mill for production of 210,000 TPA Rolled Product, Installation of 150,000 TPA Briquette Plant, 108,000 TPA Sinter Plant and addition of Pig Iron as product from the Existing Submerged Arc Furnace, located at Village: Nakrajoria, P.O.: Salanpur, District: Paschim Bardhaman, West Bengal."

Ref: EC Letter vide F. No. - J-11011/188/2011-IA.II(I), dated 016.03.2023

Dear Sir,

With respect to the subject and above cited reference this to inform that we have obtained Environmental Clearance (EC) from Ministry of Environment, Forest and Climate Change, Govt. of India, vide F. No. J-11011/188/2011-IA.II(I), dated 016.03.2023, for Amalgamation & Modification cum Expansion by M/s Eloquent Steel Pvt. Ltd. For 336,000 TPA Billet Production along with Rolling Mill for production of 210,000 TPA Rolled Product, Installation of 150,000 TPA Briquette Plant, 108,000 TPA Sinter Plant and addition of Pig Iron as product from the Existing Submerged Arc Furnace, located at Village: Nakrajoria, P.O.: Salanpur, District: Paschim Bardhaman, West Bengal."

In compliance of the directions stipulated in the 'Miscellaneous Condition No. ii' a copy of obtained Environmental Clearance is attached herewith for your kind information and necessary consideration please.

Thanking you and with regards,

For Eloquent Steel Pvt. Limited

(Authorized Signatory)

Encl: As mentioned above



## ANNEXURE-22

**ELOQUENT STEEL PRIVATE LIMITED**

**Vill. – Nakrajoria, P.O. + P.S. – Salanpur, Dist. – Paschim Bardhaman, WB**

## ENVIRONMENTAL INFORMATION DATA DISPLAY BOARD

  
**SHREE MAHESH GROUP**

# M/S ELOQUENT STEEL PVT. LIMITED

A-11, BANGLORE, PLOT 5, P-1, KALANDUR, TQ-1, PANCHAM HANDEMAN, WD-1, TQ-1

## ENVIRONMENTAL INFORMATION

### COMPLIANCE HISTORY:

1. WATER ANALYSIS (WQA) (MCL/MLA/CAL/CR) DATED 08/05/2023
2. WQPT/40284/CM/2023 DATED 28/04/2023
3. WQPT/40284/CM/2023 DATED 29/04/2023
4. WQPT/40284/CM/2023 DATED 15/11/2025

### TRAINING WITH AUTHENTICATION:

1. WQPT/40284/CM/2023 DATED 28/04/2023

### STOCK ANALYSIS REPORT AS ON:

08/05/2023

| PARAMETERS    | SEA No.1<br>(13.88M) | SEA No.2<br>(13.88M) | SEA No.3<br>(13.88M) | SEA No.4<br>(13.88M) |
|---------------|----------------------|----------------------|----------------------|----------------------|
| Flowing (m/s) | 1.10                 | 0.75                 | 0.75                 | 1.10                 |
| PARAMETERS    | WATER PLANT SPACE    |                      | WATER PLANT          |                      |
| Flowing (m/s) | 1.10                 |                      | 0.75                 |                      |

### PLANT DESIGN ANALYSIS REPORT AS ON:

08/05/2023

| PARAMETERS | Sea Water (13.88M) | Sea Water (13.88M) | Sea Water (13.88M) | Sea Water (13.88M) |
|------------|--------------------|--------------------|--------------------|--------------------|
| Flow (m/s) | 1.10               | 0.75               | 0.75               | 1.10               |
| Flow (m/s) | 1.10               | 0.75               | 0.75               | 1.10               |
| Flow (m/s) | 1.10               | 0.75               | 0.75               | 1.10               |

### PLANT DESIGN ANALYSIS REPORT AS ON:

08/05/2023

| PARAMETERS | SEA No.1<br>(13.88M) | SEA No.2<br>(13.88M) | SEA No.3<br>(13.88M) | SEA No.4<br>(13.88M) |
|------------|----------------------|----------------------|----------------------|----------------------|
| Flow (m/s) | 1.10                 | 0.75                 | 0.75                 | 1.10                 |

### PLANT DESIGN ANALYSIS REPORT (INDUSTRIAL) AS ON:

08/05/2023

| PARAMETERS | Flow (m/s) | Flow (m/s) | Flow (m/s) | Flow (m/s) |
|------------|------------|------------|------------|------------|
| Flow (m/s) | 1.10       | 0.75       | 0.75       | 1.10       |
| Flow (m/s) | 1.10       | 0.75       | 0.75       | 1.10       |

### PLANT DESIGN ANALYSIS REPORT (INDUSTRIAL) AS ON:

08/05/2023

| PARAMETERS | Flow (m/s) | Flow (m/s) |
|------------|------------|------------|
| Flow (m/s) | 1.10       | 0.75       |
| Flow (m/s) | 1.10       | 0.75       |

[illegible]

## ANNEXURE- 23

---

**Submission of Environmental Statement (Form-V) for FY: 2024-25 of M/s Eloquent Steel Pvt. Limited**

---

From R K Mishra <rk.mishra@shakambhargroup.in>

Date Wed 10/1/2025 6:59 PM

To ee11wbpcb-wb <ee11.wbpcb-wb@bangla.gov.in>

Cc Sub Office Kolkata <iro.kolkata-mefcc@gov.in>; Sanjeev Kumar Sachan <sanjeev.sachan@shakambhargroup.in>

 1 attachment (739 KB)

ESPL\_Env. Statement\_FY\_2024-25.pdf

Dear Sir,

With reference to the subject, we are submitting attached herewith the Environmental Statement (Form-V) for the financial year (2024-25) ending 31st March, 2025 of M/s Eloquent Steel Pvt. Limited, Vill-Nakrajoria, PO-Salanpur, Dist-Paschim Bardhaman (WB) for your kind consideration please.

Kindly acknowledge our submission

Yours faithfully,

*for* **ELOQUENT STEEL PVT. LIMITED**

R. K. Mishra  
GM-EHS