

Ref: - ESPL/SMC/OCT-2022 TO MARCH-2023

Date: 20.06.2023

To,  
**The Inspector General of Forest (IGF)**  
GOI, MoEF&CC,  
Integrated Regional Office, Kolkata  
IB-198, Salt Lake City, Sector-III  
Kolkata - 700106

**SUB: Six Monthly (Oct-2022 to March-2023) Compliance to Environmental Clearance of M/s Eloquent Steel Pvt. Ltd. (formerly Hira Concast Limited & Impex Steel Limited), Vill-Nakrajoria, PO & PS-Salanpur, Dist.-Paschim Bardhaman-713357, (WB)**

**EC Reference:**

F. No. J-11011/49/2010-IA-II(I) Date: 03.09.2012, F. No. J-11011/533/2008-IA-II(I) Date: 11.12.2008	Hira Concast Limited
F. No. J-11011/183/2008-IA-II(I) Date: 28.07.2008	Impex Steel Limited
EC Transfer Letter No. J-11011/49/2010-IA-II(I) & J-11011/188/2011-IA-II(I)	Dated: 15.10.2020

Dear Ma'am,

With reference to the above, we are submitting herewith the six-monthly compliance report (Period Oct-2022 to March-2023) for M/s Eloquent Steel Pvt. Ltd. (Formerly Hira Concast Limited & Impex Steel Ltd.), Village -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.

It is pertinent to mention that we have obtained new Environmental Clearance (EC) from MoEFCC vide F. No.: J-11011/758/2009-IA-II(I) dated 16<sup>th</sup> March, 2023 and compliance status for the same shall be submitted with next six-monthly compliance report for the project.

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. Ltd.**  
(Formerly Hira Concast Ltd.& Impex Steel Ltd.)

Authorized Signatory  
20/06/2023

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 PRIVATE LIMITED

(Formerly Hira Concast Limited & Impex Steel Limited)

### SIX MONTHLY COMPLIANCE STATUS OF ENVIRONMENTAL CLEARANCE

F. No. J-11011/49/2010-IA-II(I) Date: 03.09.2012, F. No. J-11011/533/2008-IA-II(I) Date: 11.12.2008	Hira Concast Limited
F. No. J-11011/183/2008-IA-II(I) Date: 28.07.2008	Impex Steel Limited
EC Transfer Letter No. J-11011/49/2010-IA-II(I) & J-11011/188/2011-IA-II(I)	Dated: 15.10.2020

**COMPLIANCE PERIOD: OCTOBER-2022 TO MARCH-2023**



### PROJECT LOCATION:

Village-Nakrajoria, PO & PS-Salanpur, Dist.-Paschim Bardhaman (WB)



**SIX MONTHLY EC COMPLIANCE REPORT**

Name & Address of the Project	: <b>M/S ELOQUENT STEEL PVT. LIMITED</b> <b>(Formerly Hira Concast Limited)</b> Village-Nakrajoria, PO & PS-Salanpur, Dist.-Paschim Bardhaman (WB)
Environmental Clearance Letter Ref. F. No	: J-11011/49/2010-IA-II(I) Date: 03.09.2012, J-11011/533/2008-IA-II(I)Date: 11.12.2008
EC Transfer Letter F. No.	: J-11011/49/2010-IA-II(I) Dated 15.10.2020
Period of Compliance Report	: Oct-2022 to March- 2023

**Environmental Clearance F. No. J-11011/49/2010-IA-II(I) Dated: Sept. 03, 2012**

SL.	CONDITIONS	COMPLIANCE STATUS
<b>SPECIFIC CONDITIONS:</b>		
1.	No charcoal shall be used as fuel. Pet coke shall be used as fuel instead of charcoal from unknown sources.	No charcoal is being used as fuel.
2.	Continuous monitoring facilities for all the major stacks and sufficient air pollution control equipment viz. fume extraction system with bag filters, ID fan and stack of adequate height to submerged arc furnace shall be provided to control emissions below 50mg/Nm <sup>3</sup> .	Continuous Emission Monitoring System has been installed. Air pollution control devices viz. dust extraction systems with bag filters have been installed and efficiently operated to control emission level well within the norms. Third party monitoring by NABL accredited laboratory being conducted periodically to evaluate the emission levels. Latest stack monitoring report in enclosed as <b>Annexure-1</b>
3.	The National ambient Air Quality Standards issued by the Ministry vide G.S.R No. 826(E) dated 16th November, 2009 shall be followed.	Being complied. Ambient Air Quality is regularly being monitored. Last Monitoring Report is enclosed as <b>Annexure-2</b>
4.	Secondary fugitive emissions from all the sources shall be controlled within the latest permissible limits issued by the Ministry and regularly monitored.	Fume extraction system with spark arrester and bag filters have been provided with the Induction Furnaces and Fume extraction system with FDC & Bag Filters are provided with SEAFs to capture Fugitive emissions



SL.	CONDITIONS	COMPLIANCE STATUS
	Guidelines / Code of Practice issued by the CPCB shall be followed.	during process operation. Water sprinkling being done to control fugitive emissions on roads.  Last work zone monitoring report is enclosed as <b>Annexure-3</b>
5.	Regular monitoring of influent and effluent surface, sub-surface and ground water shall be ensured and treated wastewater shall meet the norms prescribed by the State Pollution Control Board or described under the E(P) Act whichever are more stringent. Leachate study for the effluent generated and analysis should also be regularly carried out and report submitted to the Ministry's Regional Office at Bhubaneswar, SPCB and CPCB.	It is being complied.  Regular monitoring of effluent, ground water and surface water quality is being done. No industrial effluent being discharged outside the plant premises.  Last monitoring report is enclosed as <b>Annexure- 4 &amp; Annexure- 5A &amp; 5B.</b>
6.	The makeup water requirement shall not exceed 28m <sup>3</sup> /day. 'Zero' effluent discharged shall be strictly followed and no wastewater should be discharged outside the premises.	All possible attempts are taken to ensure optimal use of water within the factory premises. Recycle and Reuse practices has been adapted by us to ensure 'Zero' effluent discharge and no effluent being discharged outside factory premises.
7.	Efforts shall be made to make use of rain water harvested. If needed, capacity of the reservoir should be enhanced to meet the maximum water requirement. Only balance water requirement should be met from other sources.	Noted.  We have a rain water harvesting pond and water from this pond is being used in order to keep the water requirement low.
8.	Slag produced in Ferro Manganese (Fe-Mn) production shall be used in manufacture of Silico Manganese (Si-Mn). All the other ferro alloy slag shall be used in the preparation of building materials.	It is being complied.  Ferro Manganese (Fe-Mn) Slag being used for the manufacturing of Silico Manganese (Si-Mn), and  Silico Manganese slag being used for land filling and road construction.
9.	No Ferro Chrome shall be manufactured without prior approval from the Ministry of Environment & Forests.	Noted.
10.	Risk and Disaster Management Plan along with the mitigation measures should be prepared and a copy	Risk and Disaster Management Plan along with mitigation measures has been prepared and submitted to Ministry's Regional Office.



SL.	CONDITIONS	COMPLIANCE STATUS
	submitted to Ministry's Regional Office at Bhubaneswar.	
11.	All the commitments made to the public during the public Hearing/Public Consultation meeting held on 17th November, 2011 should be satisfactorily implemented and a separate budget for implementing the same should be allocated and information submitted to the Ministry's Regional Office at Bhubaneswar.	<p>Public Hearing was held on 17th November, 2011 and EC was granted on 3<sup>rd</sup>September, 2012 and M/S Hira Concast Ltd. a closed unit was purchased by Eloquent Steel Pvt. Ltd. (ESPL) and possession was taken over on 01.09.2017 through auction from Official Liquidator of Hon'ble High Court Calcutta and we don't have the Public Hearing details that's why specific compliance for said period is difficult for us.</p> <p>New EC vide F. No.: J-11011/758/2009-IA-II(I) dated 16<sup>th</sup> March, 2023 has been obtained from MoEFCC and the compliance status of Public Hearing issue w.r.t new EC shall be submitted with next six-monthly compliance report.</p>
12.	As proposed, green belt should be developed in at least 33% of the project area. Selection of Plant species shall be as per the CPCB guidelines in consultation with the DFO.	<p>Company has achieved the desired plantation target of 33%. Total plant area inclusive of Impex Steel Ltd &amp; Hira Concast Ltd. now taken over by Eloquent Steel Pvt. Ltd. is 9.089 Hectare. Based on this company has to develop 3.00 Ha. green belt. Approx. 7500 plants of different type of indigenous species have been planted including old and new plantation after taken of these two units. Selection of species done on the basis of recommendation of DFO as well as the species found suitably growing in local areas. Gap filling also being done to compensate the mortality rate of the plants. Some photographs are attached as <b>Annexure-6.</b></p>
13.	At least 5% of the total cost of the project should be earmarked towards the Enterprises Social Commitment based on Public Hearing issues and item-wise details along with time bound action plan should be prepared and submitted to the Ministry's Regional Office at Bhubaneswar. Implementation of such program shall be ensured accordingly in a time bound manner.	<p>EC was granted on 3<sup>rd</sup>September, 2012 and M/S Hira Concast Ltd. a closed unit was purchased by Eloquent Steel Pvt. Ltd. (ESPL) and possession was taken on 01.09.2017 through auction from Official Liquidator of Hon'ble High Court, Calcutta and we don't have any record of Public Hearing.</p> <p>It is believed that details might have been submitted by the then proponent.</p>



SL.	CONDITIONS	COMPLIANCE STATUS
14.	The company shall provide housing for construction labour within site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Noted. At present no construction work is carried on.
<b>GENERAL CONDITIONS:</b>		
1	The project authorities must strictly adhere to the stipulations made by the West Bengal Pollution Control Board (WBPCB) and the State Government.	It is being complied. Stipulations made by the West Bengal Pollution Control Board (WBPCB) and the State Government is being adhered by the company. Consent to Operate obtained from WBPCB is attached as <b>Annexure-7</b> .
2.	No further expansion or modification in the plant shall be carried out without prior approval of the Ministry of Environment and Forests.	Noted. No further modification or expansion shall be undertaken without prior approval of the MoEF&CC.
3.	At least four ambient air quality monitoring stations shall be established in the downward direction as well as where maximum ground level concentration of PM, SO <sub>2</sub> and NO <sub>x</sub> are anticipated in consultation with the WBPCB including one ambient air quality monitoring station in the downwind direction. Data on ambient air quality and stack emission should be regularly submitted to this Ministry including its Regional Office at Bhubaneswar and the WBPCB/CPCB once in six months.	Ambient Air Quality Monitoring being carried on as per direction for PM <sub>10</sub> , PM <sub>2.5</sub> , SO <sub>2</sub> , and NO <sub>x</sub> . Last Ambient Air Quality monitoring reports and stack monitoring reports are enclosed as <b>Annexure-2</b> and <b>Annexure-1</b> .
4.	Industrial wastewater shall be properly collected, treated so as to the standards prescribed under GSR 422 (E) dated 19 <sup>th</sup> May, 1993 and 31 <sup>st</sup> December, 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.	Recycle and reuse practice has been adapted by us and no industrial waste water being discharged outside the factory premises. Effluent analysis report is enclosed as <b>Annexure-4</b> .



SL.	CONDITIONS	COMPLIANCE STATUS
5.	<p>The overall noise levels in and around the plant area shall be kept well within the standards [(85 dB(A)] by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dB(A) (day time) and 70 dB(A) (night time).</p>	<p>It is being complied.</p> <p>Noise control measures has already been implemented to keep the noise level well within the 85 dB (A) and ambient noise level below 75 dB (A) (during day time) and 70 dB (A) (during night time).</p> <p>Ambient Noise and Work Zone Noise Monitoring report is attached as <b>Annexure-8A</b> and <b>Annexure-8B</b>.</p>
6.	<p>Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.</p>	<p>Occupational health surveillance for the employees being carried and records are maintained. Health check-up report is attached as <b>Annexure-9</b>.</p>
7.	<p>The company shall develop rain water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.</p>	<p>Complied.</p> <p>We have rain water harvesting pond and water from this pond is being reused in order to keep the water requirement low.</p>
8.	<p>The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report. Further, the company must undertake socio-economic development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc.</p>	<p>EC was granted on 3<sup>rd</sup> September, 2012 and M/S Hira Concast Ltd. a closed unit was purchased by Eloquent Steel Pvt. Ltd. (ESPL) and possession was taken on 01.09.2017 through auction from Official Liquidator of Hon'ble High Court, Calcutta. EIA/EMP report is not having with us.</p> <p>Environmental protection measures viz. dust/Fume extraction system with spark arrester and bag filters have been provided with the Induction Furnaces and Fume extraction system with FD cooler followed by Bag Filters are provided with SEAFs to capture Fugitive emissions during process. Water sprinkling being done to control fugitive emissions on roads. For the safeguard of employees PPEs like safety helmet, safety shoes, hand gloves, nose masks, ear plug safety apron etc. being provided.</p> <p>Third party monitoring by NABL accredited laboratory being conducted periodically to evaluate the stack emission level, Ambient Air Quality, Work Zone Air quality, Ambient noise and work zone noise level etc. Reports are enclosed as <b>Annexure-1, 2, 3, 4, 5 &amp; 8A &amp; 8B</b>.</p> <p>With normalization of covid-19 situation, Company has started its contribution to community development program in the</p>



SL.	CONDITIONS	COMPLIANCE STATUS
		surrounding villages like distribution of study materials to school children, clothing, blanket etc.
9.	As proposed, Rs. 2.5 Crores and Rs. 0.7Crores shall be earmarked towards the capital cost and recurring cost/annum for environmental protection measures and judiciously utilized to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. The funds so provided shall not be diverted for any other purpose.	As M/s Hira Concast Ltd. was purchased by ESPL through auction that's why we don't have the details of capital cost incurred. Recurring cost for environmental protection measure being done as per requirement with no limitation to proposed directions for recurring expenses. It was approx. Rs. 4.5 Lakhs during this compliance period.  Suitably skilled manpower has been provided for an efficient operation, monitoring and maintenance of the pollution control devices installed.
10.	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad / Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions / representations, if any, were received while processing the proposal. The clearance letter shall also be put on the web site company by the proponent.	Complied.  It is believed that the same has been compiled by the then project proponent to concerned local body. Trade License (Form-11) from Village Panchayat is attached as <b>Annexure- 10.</b>
11.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update same periodically. It shall simultaneously be sent to the Regional Office of the MOEF, the respective Zonal Office of CPCB and the WBPCB. The criteria pollutant levels namely; SPM, RSPM SO <sub>2</sub> , NO <sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Being complied.  Compliance status with the stipulated EC conditions being/shall be uploaded on company's website.  <a href="http://shakambhariispat.com/environmental-compliance">http://shakambhariispat.com/environmental-compliance</a>  Environmental data display board has been placed near main gate of the company.  Compliance status report shall be submitted as per direction.
12.	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environment conditions including results of monitored data	It is being complied.  Six monthly reports of EC Compliance including results of monitored data was regularly submitted to the regional Office of MOEF at Bhubaneswar and now it is submitted



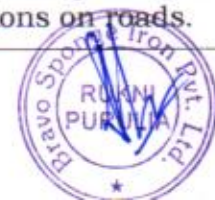


SL.	CONDITIONS	COMPLIANCE STATUS
	(both in hard copies as well as by e-mail) to the regional Office of MOEF at Bhubaneswar, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Bhubaneswar / CPCB / WBPCB shall monitor the stipulated conditions.	to the Integrated Regional Office Kolkata as per direction and the respective Zonal Office of Pollution Control Board.  Hard copy of the report being doesn't send following MoEF&CC direction vide File No. 106-12/EPE Dated 11.05.2020.
13.	The environment statement for each financial year ending 31 <sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986 as amended subsequently, shall be put on the website of the company along with the status of compliance of environment conditions and shall also be sent the respective Regional Offices of the MOEF by e-mail.	Being complied.  The environment statement for Financial Year 2022-2023 shall be submitted to WBPCB with copy to Integrated Regional Office of the MOEF&CC and the report shall be uploaded on the company's website as per direction.
14.	The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the WBPCB and may also be seen at Website of the Ministry of Environment and Forests at <a href="http://envfor.nic.in">http://envfor.nic.in</a> . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the Regional Office at Bhubaneswar.	EC was granted on 3 <sup>rd</sup> September, 2012 and M/S Hira Concast Ltd. a closed unit was purchased by Eloquent Steel Pvt. Ltd. (ESPL) in September, 2017 through auction from Official Liquidator of Hon'ble High Court, Calcutta.  Since EC was granted on 3 <sup>rd</sup> September 2012; therefore, it is believed that the same has been compiled by the then project proponent.
15.	Project authorities 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 and the date of commencing the land development work.	EC was granted on 3 <sup>rd</sup> September, 2012 and M/S Hira Concast Ltd. a closed unit was purchased by Eloquent Steel Pvt. Ltd. (ESPL) in September, 2017 through auction from Official Liquidator of Hon'ble High Court, Calcutta.  Since EC was granted on 3 <sup>rd</sup> September 2012; therefore, it is believed that the same has been compiled by the then project proponent



<b>Environmental Clearance Letter Ref. F. No.</b>	:	J-11011/533/2008-IA-II(I) Date: 11 <sup>th</sup> Dec. 2008
<b>Period of Compliance Report</b>	:	Oct-2022 to March- 2023

SL.	CONDITIONS	COMPLIANCE STATUS
<b>SPECIFIC CONDITIONS:</b>		
1.	<p>Continuous monitoring facilities for all the major stacks and sufficient air pollution control equipment viz. fume extraction system with bag filters, ID fan and stack of adequate height to submerged arc furnace shall be provided to control emissions below 100mg/Nm<sup>3</sup>. The West Bengal Pollution Control Board (WBPCB) may specify more stringent standards for relevant parameters keeping in view the nature of the industry and its size and location. At no time, the emission level shall go beyond the prescribed standards. Interlocking facilities shall be provided so that process can automatically stopped in case emission level exceed the limit. The monitoring reports shall be submitted to the Ministry's relational office at Bhubaneswar, CPCB &amp; SPCB.</p>	<p>Continuous Emission Monitoring System has been installed.</p> <p>Air pollution control devices viz. dust extraction systems with bag filters have been installed and efficiently operated to control emission level well within the norms.</p> <p>Third party monitoring by NABL accredited laboratory being conducted periodically to evaluate the emission levels.</p> <p>Latest stack monitoring report in enclosed as <b>Annexure-1</b></p>
2.	<p>Gaseous emissions from Submerged Arc Furnace shall be controlled by providing smoke hood, heat exchanger, bag filter, inducted draft fan etc. A water-cooled cover around the furnace and fume collectors hood shall also be provided. Clean gas shall be vented to atmosphere through a chimney of adequate height as per CPCB guidelines.</p>	<p>It is being complied.</p> <p>For the proper control of gaseous emissions from SAF, fume extraction system with FD cooler followed by Bag Filters are provided with and being discharged through the stacks of adequate height.</p>
3.	<p>Secondary fugitive emissions from all the sources shall be controlled within the latest permissible limits issued by the Ministry and regularly monitored. Guidelines / Code CPCB shall be followed. Data on fugitive emissions shall be submitted to Ministry's Regional Office at Bhubaneswar, CPCB and WBPCB.</p>	<p>Secondary fugitive emissions being controlled with dust extraction system and dust suppression with adequate water sprinkling.</p> <p>Fume extraction system with spark arrester and bag filters have been provided with the Induction Furnaces and Fume extraction system with FDC &amp; Bag Filters are provided with SEAFs to capture Fugitive emissions during process operation. Water sprinkling being done to control fugitive emissions on roads.</p>



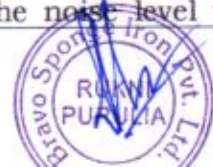
SL.	CONDITIONS	COMPLIANCE STATUS
		Last work zone monitoring report is enclosed as <b>Annexure-3</b> .
4.	In-plant control measures for checking fugitive emissions from all the vulnerable sources shall be provided. Dust collection system shall be provided for arresting dust and outlet dust emission shall not exceed 100 mg/Nm <sup>3</sup> . Dust suppression system like water spraying shall be provided at unloading and raw material handling areas, storage yards, conveyor belts and bucket elevators to control fugitive dust emissions to meet the WBPCB norms. Covered conveyer belts shall be provided. Water spraying shall also be done to prevent the dust emanation due to vehicular movement.	For the control of fugitive dust emission conveyor belt galleries are covered. Water sprinkling being done in dust prone areas and to suppress the fugitive dust emission due to vehicular movement on regular basis.
5.	Total ground water requirement shall not exceed 6 m <sup>3</sup> /day. The softener back wash water shall be neutralized and used for dust suppression. All the other treated wastewater shall be recycled and reused in the process, slag cooling and green belt development. No process water shall be discharged outside the premises and 'Zero' discharge shall be adopted Domestic wastewater shall be treated in septic tank followed by soak pit system and used for plantation.	All possible attempts are taken to ensure optimal use of water within the factory premises.  Softener backwash water being neutralized in neutralization tank and used for slag cooling and dust suppression  For the treatment of domestic waste water septic tank followed by soak pit facility have been provided.  Recycle and Reuse practices has been adapted by us to ensure 'Zero' effluent discharge and no effluent being discharged outside factory premises.
6.	Prior permission for the drawl of 6 m <sup>3</sup> /day ground water shall be obtained from State Ground Water Board/Central Ground Water Authority (SGWB/CGWA).	The company has made agreement with Damodar Valley Corporation (DVC) to fulfil its requirement of water.
7.	Proper handling, storage, utilization and disposal of all the solid waste shall be ensured and regular report regarding toxic metal content in the waste material and its composition, end use of solid/hazardous waste shall be submitted to the Ministry's Regional Office at Bhubaneswar, WBPCB and CPCB. Waste oil shall be sold to authorized recyclers as per the Hazardous Waste (Management & Handling) Rules, 1989 and subsequent amendments.	Proper handling and storage and handling of solid waste being done.  Ferro Manganese (Fe-Mn) Slag being used for the manufacturing of Silico Manganese (Si-Mn), and  Silico Manganese slag being used for land filling and road construction. Induction Furnace slag also being used for road construction. These solid wastes are non-hazardous in nature. Used oil whatever



SL.	CONDITIONS	COMPLIANCE STATUS
		generated being sold to authorized recycler and Form-10 being obtained
8.	All the Ferro alloy slag shall be used for land filling inside the plant or used as building material only after passing through Toxic Chemical Leachability Potential (TCLP) test. Otherwise, hazardous substances shall be recovered from the slag and output waste and be disposed in secured landfill as per CPCB guidelines. Dust collected from bag filter shall be collected and recharged in the furnace.	It is being complied. Ferro Manganese (Fe-Mn) Slag being used for the manufacturing of Silico Manganese (Si-Mn), and Silico Manganese slag being used for land filling and road construction TCLP test being done time to time. Last TCLP test report is attached as <b>Annexure-11</b>
9.	Slag produced in Ferro Manganese (Fe-Mn) production shall be used in manufacture Silico Manganese (Si-Mn).	Ferro Manganese (Fe-Mn) Slag being used for the manufacturing of Silico Manganese (Si-Mn).
10.	As proposed, green belt shall be developed in at least 33% area in and around the plant premises to mitigate the effects of fugitive emissions all around the plant as per the CPCB guidelines is consultation with DFO.	Company has achieved the desired plantation target of 33%. Total plant area inclusive of Impex Steel Ltd & Hira Concast Ltd. now taken over by Eloquent Steel Pvt. Ltd. is 9.089 Hectare. Based on this company has to develop 3.00 Ha. green belt. Approx. 7500 plants of different type of indigenous species have been planted including old and new plantation after taken of these two units. Selection of species done on the basis of recommendation of DFO. as well as the species found suitably growing in local areas. Gap filling also being done to compensate the mortality rate of the plants. Some photographs are attached as <b>Annexure 6.</b>
11.	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Ferro Alloy Units shall be strictly implemented.	The recommendation made in the Charter on Corporate Responsibility for Environment Protection (CREP like control of fugitive emission, installation of fume extraction system, bag filter, water sprinkling on road and other dust prone areas, closed conveyor galleries, noise control measures, industrial effluent management, solid waste management and disposal being complied.
12.	The company shall provide housing for construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking mobile toilets,	Noted. At present no construction work is carried on.



SL.	CONDITIONS	COMPLIANCE STATUS
	mobile STP. safe drinking water, medical health can creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	
<b>GENERAL CONDITIONS:</b>		
1	The project authorities must strictly adhere to the stipulations made by the West Bengal Pollution Control Board (WBPCB) and the State Government.	Complied. Stipulations made by the West Bengal Pollution Control Board (WBPCB) and the State Government is being adhered by the company. Consent to Operate obtained from WBPCB is attached as <b>Annexure-7</b> .
2.	No further expansion or modification in the plant shall be carried out without prior approval of the Ministry.	Noted. No further modification or expansion will be undertaken without prior approval of the MoEF&CC.
3.	The gaseous emissions from various process units shall conform to the load/mass-based standards notified by this Ministry on 19th May, 1993 and standards prescribed from time to time. The WBPCB may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location. At no time, the emission level shall go beyond the prescribed standards. Interlocking facilities shall be provide so that process can be automatically stopped in case emission level exceeds the limit.	It is being complied.
4.	Ambient air quality monitoring stations shall be set up as per statutory requirement in consultation with the WBPCB. Ambient air quality including ambient noise levels shall not exceed the standards stipulated under EPA or by the State authorities. Monitoring of ambient air quality and shall be carried out regularly in consultation with WBPCB and data submitted to the CPCB and WBPCB regularly. The instruments used for ambient air quality monitoring shall be calibrated time to time.	Ambient Air Quality Monitoring being carried on periodically as per direction. Last Ambient Air Quality monitoring reports and ambient noise monitoring reports are enclosed as <b>Annexure-2</b> and <b>Annexure-8A</b> .
5.	The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise	It is being complied. Noise control measures has already been implemented to keep the noise level well



SL.	CONDITIONS	COMPLIANCE STATUS
	control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environmental (Protection) Act, 1986 Rules, 1989 viz 75 dBA (day time) and 70 dBA (night time).	within the 85 dB (A) and ambient noise level below 75 dB (A) (during day time) and 70 dB (A) (during night time).  Ambient Noise and Work Zone Noise Monitoring report is attached as <b>Annexure-8A &amp; 8B.</b>
6.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Occupational health surveillance for the employees being carried and records are maintained. Health check-up report is attached as <b>Annexure-9.</b>
7.	All the environment management measures given in the EIA/EMP shall be implemented and complied with.	<p>EC was granted on 11<sup>th</sup> December, 2008 and M/S Hira Concast Ltd. a closed unit was purchased by Eloquent Steel Pvt. Ltd. (ESPL) and possession was taken on 01.09.2017 through auction from Official Liquidator of Hon'ble High Court, Calcutta. EIA/EMP report is not having with us.</p> <p>Environmental protection measures viz. dust/Fume extraction system with spark arrester and bag filters have been provided with the Induction Furnaces and Fume extraction system with FD cooler followed by Bag Filters are provided with SEAFs to capture Fugitive emissions during process. Water sprinkling being done to control fugitive emissions on roads. For the safeguard of employees PPEs like safety helmet, safety shoes, hand gloves, nose masks, ear plug safety apron etc. being provided.</p> <p>Third party monitoring by NABL accredited laboratory being conducted periodically to evaluate the stack emission level, Ambient Air Quality, Work Zone Air quality, Ambient noise and work zone noise level. Reports are enclosed as <b>Annexure-1, 2, 3, 8A &amp; 8B.</b></p> <p>With normalization of covid-19 situation, Company has initiated its contribution to community development program in the surrounding villages like study materials to school children, clothing, blanket etc.</p>
8.	The company shall develop rain water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table	Complied.  We have rain water harvesting pond and water from this pond is being reused in order to keep the water requirement low.



SL.	CONDITIONS	COMPLIANCE STATUS
9.	Proper housekeeping and adequate occupational health programmes shall be taken up as per the Factory Act	Housekeeping and occupational health programmes are taken care as per direction.
10.	The company shall undertake .eco-development measures including community welfare measures in the project area.	Company has undertaken necessary measures for sanitization, masks and sanitizer, door to door study material distribution to needy children to community at large and with normalization of Covid situation company is continuing the above with motive of community welfare at larger scale.
11.	A separate environmental management cell to carry out various management and monitoring actions shall be set in under the control of Senior Executive.	It is being adhered. Environmental monitoring and management being done on day to day basis and discrepancies if any being taken care under the control of senior executive.
12.	Adequate funds shall be earmarked towards the capital cost and recurring cost/annum for environment pollution control measures shall be used to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. The funds so provided shall not be diverted for any other purpose.	All necessary facilities for environmental pollution control measures have been installed and sufficient funds for recurring expenses being released for maintenance and other related activities.
13.	The Regional Office of this Ministry at Bhubaneswar CPCB/WBPCB shall monitor the stipulated conditions. A six-monthly compliance report and the monitored data along with statistical interpretation shall be submitted to them regularly.	It is being complied. Six Monthly compliance report being submitted to Regional Office of MoEFCC Kolkata office on regular basis.
14.	The Project Authorities 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 and the date of commencing the land development work.	it is believed that the it has been compiled by the then project proponent
15.	The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the W. B. Pollution Control Board and may also be seen at the Website of the Ministry of Environment and Forests at <a href="http://envfor.nic.in">http://envfor.nic.in</a> . This should be	Since EC was granted on 11 <sup>th</sup> December 2008; therefore, it is believed that the it has been compiled by the then project proponent



SL.	CONDITIONS	COMPLIANCE STATUS
	advertised within seven days from the date of issue of the clearance letter at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the Regional office at Bhubaneswar.	
16.	The Ministry or any other competent authority may stipulate any further condition(s) on receiving reports from the project authorities. The above conditions shall be monitored by the Regional Office of this Ministry located at Bhubaneswar.	Noted and it shall be complied as per directions.
17.	The Ministry may revoke or suspend the clearance if implementation of any of the above conditions is not satisfactory.	Noted
18.	Any other conditions or alteration in the above conditions shall have to be implemented by the project authorities in a time bound manner.	Noted
19.	Any appeal against this environmental clearance shall lie with the National Environment Appellate Authority, if preferred within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Act, 1997	Noted
20.	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention and Control of Pollution) Act, 1974 the Air (Prevention and Control of Pollution) Act, 1981 the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules.	It shall be complied with as per directions.





### SIX MONTHLY EC COMPLIANCE REPORT

Name & Address of the Project	: <b>M/S ELOQUENT STEEL PVT. LTD.</b> <b>(Formerly Impex Steel Limited)</b> Village-Nakrajoria, PO & PS-Salanpur, Dist. -Paschim Burdwan (WB)
Environmental Clearance Letter No	: J-11011/183/2008-IA-II Dated 28 <sup>th</sup> July 2008
EC Transfer Letter F. No.	: J-11011/188/2011-IA-II (I) Dated 15.10.2020
Period of Compliance Report	: Oct-2022 to March-2023

Sl.	Condition	Compliance
<b>SPECIFIC CONDITIONS:</b>		
1.	Project authorities shall provide monitoring facilities for all the stacks. Air pollution control equipment such as bag filters shall be installed to keep emissions levels below 100mg/Nm <sup>3</sup> and reports submitted to ministry's Regional Office at Bhubaneswar, WBPCB and CPCB. Interlocking facilities shall be provided so that process can be automatically stopped in case emission level exceeds the limit.  Monitoring facilities for the stacks have been provided.	Monitoring facilities for the stacks have been provided.  Continuous Emission Monitoring System has been installed.  Air pollution control devices viz. bag filters along with dust extraction system have been installed and efficiently operated to control emission level well within the stipulated norms.  Third party monitoring by NABL accredited laboratory being conducted periodically to evaluate the emission levels.  Latest stack monitoring report in enclosed as <b>Annexure-1.</b>
2	Secondary fugitive emissions from furnace shall be controlled within the latest permissible limits issued by the Ministry. Guidelines / Code of Practice issued by the CPCB shall be followed.	Fume extraction system with spark arrester and bag filters have been provided with the Induction Furnaces and Fume extraction system with FDC & Bag Filters are provided with SEAFs to capture Fugitive emissions during process. Water sprinkling being done to control fugitive emissions on roads.  Last (Fugitive Emission) monitoring report is enclosed as <b>Annexure-3.</b>
3.	All the treated waste water shall be recycled and reused and 'Zero' effluent discharge shall be ensured.	All possible attempts are taken to ensure optimal use of water within the factory premises. Recycle and Reuse practice has been adapted by us to ensure <b>Zero</b> effluent



Sl.	Condition	Compliance
		<p>discharge and no effluent being discharged outside factory premises</p> <p>Last effluent monitoring report is enclosed as <b>Annexure-4.</b></p>
4.	<p>Permission for drawl of ground water shall be obtained from the Central Ground Water Authority or State Ground Water Board and copy submitted to the Ministry's Regional Office at Bhubaneswar.</p>	<p>The company has made agreement with Damodar Valley Corporation (DVC) to fulfil its water requirements.</p>
5.	<p>The company shall develop rain water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.</p>	<p>We have a rain water harvesting pond and water from this pond is being used in order to keep the water requirement low.</p>
6.	<p>The company shall regularly conduct Toxicity Characteristics Leaching Procedure (TCLP) test for the slag before its disposal and reports shall be submitted to Ministry's Regional Office at Bhubaneswar, CPCB and WBPCB along with the details of mode of disposal.</p>	<p>It is being compiled.</p> <p>Last TCLP test report of Slag is attached as <b>Annexure-11</b> &amp; No effluent being discharged outside the plant premises.</p>
7.	<p>The hazardous slag generated from the furnace shall be disposed of in accordance with the Hazardous Waste (Management and Handling) Rules, 2003.</p>	<p>At present Ferro-manganese and Silico-manganese is being produced from SAF.</p> <p>Ferro Manganese (Fe-Mn) Slag being used for the manufacturing of Silico Manganese (Si-Mn), and</p> <p>Silico Manganese slag being used for land filling and road construction. Induction Furnace slag also being used for road construction. These solid wastes are non-hazardous in nature. Used oil being sold to authorized recycler Form-10 being obtained.</p>
8.	<p>The company shall submit a complete solid waste management plan for disposal of various solid and hazardous waste generated from the plant to the Ministry's Regional Office at Bhubaneswar within 3 months.</p>	<p>EC was granted on 28<sup>th</sup> July, 2008 and M/s Impex Steel Ltd. a closed unit was purchased by M/s Eloquent Steel Pvt. Ltd. (ESPL) and was taken over through auction from Stressed Assets Management Branch State Bank of India, Kolkata and possession was taken over on 22<sup>nd</sup> December 2017. It is believed that the Solid Waste Management Plan might have been submitted by the then proponent.</p> <p>For the disposal solid waste company has made agreement with its <del>sale</del> disposal.</p>



Sl.	Condition	Compliance
		Agreement copy attached as <b>Annexure-12</b> Hazardous waste like used oil being sold to authorized vendor.
9.	Green belt shall be developed in 7805.78 m <sup>2</sup> with adequate width and density to mitigate the effects of fugitive emissions in and around the plant as per the CPCB guideline in consultation with DFO.	Company has achieved the desired plantation target of 33%. Total plant area inclusive of Impex Steel Ltd & Hira Concast Ltd. now taken over by Eloquent Steel Pvt. Ltd. is 9.089 Hectare. Based on this company has to develop 3.00 Ha. green belt. Approx. 7500 plants of different type of indigenous species have been planted including old and new plantation after taken of these two units. Selection of species done on the basis of recommendation of DFO as well as the species found suitably growing in local areas. Gap filling also being done to compensate the mortality rate of the plants. Some photographs are attached as <b>Annexure-6</b> .
10.	Occupational Health Surveillance of the workers shall be done on a regular basis and records maintained as per the Factories act.	Occupational health surveillance for the employees being conducted on regular basis. Occupational health surveillance report is attached as <b>Annexure-9</b> .
<b>GENERAL CONDITIONS:</b>		
1.	The project authorities must strictly adhere to the stipulation made by the West Bengal Pollution Control Board (WBPCB) and the State Government.	Complied. Stipulations made by the West Bengal Pollution Control Board (WBPCB) and the State Government are strictly being adhered by the company. Consent to Operate obtained from WBPCB is attached as <b>Annexure-7</b> .
2.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests.	Noted. No further expansion or modifications in the plant will be carried out without prior approval of the Ministry of Environment, Forest & Climate Change.
3.	At least four ambient air quality monitoring station shall be established in the downward direction as well as where maximum ground level concentration of SPM, SO <sub>2</sub> and NO <sub>x</sub> are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission should be regularly submitted to this Ministry including its Regional Office at	Ambient Air Quality Monitoring being carried on as per direction in consideration of maximum ground level concentration of PM <sub>10</sub> , PM <sub>2.5</sub> , SO <sub>2</sub> , and NO <sub>x</sub> . Last Ambient Air Quality monitoring reports and stack monitoring reports are enclosed as <b>Annexure-2 &amp; Annexure-1</b> .



Sl.	Condition	Compliance
	Bhubaneswar and the SPCB/CPCB once in six months.	
4.	The overall noise levels in and around the plant are shall be kept well within the standard [(85 dB (A))] by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dB (A) (daytime) and 70 dB (A) (nighttime).	<p>It is being complied.</p> <p>Noise control measures has already - been implemented to keep the noise level well within the 85 dB(A) and ambient noise level below 75 dB(A) (during day time) and 70 dB(A) (during night time).</p> <p>Ambient Noise and Work Zone Noise Monitoring report is attached as <b>Annexure-8A</b> and <b>Annexure-8B</b>.</p>
5.	The project proponent shall also comply with all the environmental protection measures and safeguards recommend in the EIA/EMP report. Further, the company must undertake socio-economic development activities in the surroundings villages like community development programmers, educational programmers, drinking water supply and health care etc.	<p>EC was granted on 28<sup>th</sup> July, 2008 and M/S Impex Steel Ltd. a closed unit was purchased by M/S Eloquent Steel Pvt. Ltd. (ESPL) and the possession was taken over on 22<sup>nd</sup> December, 2017 through auction from Stressed Assets Management Branch State Bank of India, Kolkata. EIA/EMP report is not having with us.</p> <p>Environmental protection measures viz. dust/Fume extraction system with spark arrester and bag filters have been provided with the Induction Furnaces and Fume extraction system with FD cooler followed by Bag Filters are provided with SEAFs to capture Fugitive emissions during process. Water sprinkling being done to control fugitive emissions on roads. For the safeguard of employees PPEs like safety helmet, safety shoes, hand gloves, nose masks, ear plug safety apron etc. being provided.</p> <p>Third party monitoring by NABL accredited laboratory being conducted periodically to evaluate the Stack emission level, Work Zone Air quality, Ambient Air Quality, Ambient noise and work zone noise level. Reports are enclosed as <b>Annexure-1, 2, 3, 8A &amp; 8B</b>.</p> <p>With normalization of covid-19 situation, Company has initiated its contribution to community development program in the surrounding villages like study materials, school bags to school children, along with clothing and blanket etc. distribution to the needy people.</p>



Sl.	Condition	Compliance
6.	<p>The fund earmarked towards the capital cost and recurring cost/ annum for environmental pollution control measures shall be judiciously utilized to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. The funds so provided shall not be diverted for any other purpose.</p>	<p>As M/s Impex Steel Ltd. was purchased by ESPL through auction that's why we don't have the details of capital cost incurred.</p> <p>Recurring cost for environmental protection measure being done as per requirement with no limitation to proposed directions for recurring expenses. It was approx. Rs. 3.75 Lakhs during this compliance period.</p> <p>Suitably skilled manpower has been provided for an efficient operation, monitoring and maintenance of the pollution control devices installed.</p>
7.	<p>The Regional Office of this Ministry/CPCB/SPCB will monitor the stipulated conditions. A six monthly compliance report and the monitored data along with statistical interpretation shall be submitted to them regularly.</p>	<p>Six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data being submitted to MoEF&amp;CC and Pollution Control Board in the soft copies as per the direction of Hon'ble MoEF&amp;CC F. No. 106-12/EPE dated 11.05.2020.</p>
8.	<p>The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at website of the Ministry of Environment and Forests at <a href="http://envfor.nic.in">http://envfor.nic.in</a>. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in vernacular language of the locality concerned and a copy of the same shall be forwarded to the Regional office.</p>	<p>EC was granted on 28<sup>th</sup> July, 2008 and M/S Impex Steel Ltd. a closed unit was purchased by Eloquent Steel Pvt. Ltd. (ESPL) in December, 2017) and was taken over through auction from Stressed Assets Management Branch State Bank of India, Kolkata.</p> <p>Since EC was granted on 28<sup>th</sup> July 2008; therefore, it is believed that the same has been compiled by the then project proponent.</p>
9.	<p>Project authorities 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 and the date of commencing the land development work.</p>	<p>EC was granted on 28<sup>th</sup> July, 2008 and M/S Impex Steel Ltd. a closed unit was purchased by Eloquent Steel Pvt. Ltd. (ESPL) in December, 2017) and was taken over through auction from Stressed Assets Management Branch State Bank of India, Kolkata.</p> <p>Since EC was granted on 28<sup>th</sup> July 2008; therefore, it is believed that the same has been compiled by the then project proponent.</p>



# Annexure – 1



# ENVIROCHECK

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## TEST REPORT

FORMAT NO : ENV/FM/38

Name of the Industry	: Eloquent Steel Pvt. Ltd.	Type of Industry	: Ferro Alloy and SMS Unit		
Address	: Vill. - Nakrajoria, P.O. + P.S. - Salanpur, Dist. - Paschim Bardhaman	Sampling Date	: 21.02.2023		
		Period of Analysis	: 25.02.2023 - 25.02.2023		
		Date of Issue	: 27.02.2023		
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No	Type of Sample	: Stack Emission
Sample Condition	: Sealed	Sample ID No.	: ENV/62/Feb./A/I	Report No.	: ENV/62/Feb./TR(A)/I/22-23

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

Stack Attached to	: SEAF (No.1) (7.5 MVA)		
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.)	: 1.50
Capacity	: 7.5 MVA	Height of sampling port (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	: Bag Filter		

### B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS
1.	Flue Gas Temperature	°C	IS : 11255 (Part 1)	: 84.0
2.	Barometric Pressure	mm of Hg.	--	: 758.0
3.	Velocity of Gas flow	m/s	IS : 11255 (Part 3)	: 8.83
4.	Quantity of Gas flow	Nm <sup>3</sup> /hr.	IS : 11255 (Part III)	: 53151.86
5.	Concentration of SO <sub>2</sub>	mg/Nm <sup>3</sup>	IS 11255 (Part 2) : 2019	: 41.81
6.	Concentration of CO <sub>2</sub>	% (v/v)	IS 13270 : 2019	: 1.8
7.	Concentration of CO	% (v/v)	IS 13270 : 2019	: <1.0
8.	Concentration of Particulate Matter	mg/Nm <sup>3</sup>	IS 11255 (Part - 1) : 2019 & ASTM D 3685/D 3685M-98 (reapproved 2005) : Sec. 11 (Vol.11.07) : 2017	: 14.53

Remarks : Result relates only to the sample tested.

Reviewed By :

INDRANI BHATTACHARYA  
Dy. Technical Manager, Chemical

Authorised Signatory :

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Overseas : UAE ■ Qatar ■ Netherlands



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## TEST REPORT

FORMAT NO : ENV/FM/38

Name of the Industry	: Eloquent Steel Pvt. Ltd.	Type of Industry	: Ferro Alloy and SMS Unit		
Address	: Vill. – Nakrajoria, P.O. + P.S. – Salanpur, Dist. – Paschim Bardhaman	Sampling Date	: 21.02.2023		
		Period of Analysis	: 25.02.2023 – 25.02.2023		
		Date of Issue	: 27.02.2023		
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No	Type of Sample	: Stack Emission
Sample Condition	: Sealed	Sample ID No.	: ENV/62/Feb./A/II	Report No.	: ENV/62/Feb./TR(A)/II/22-23

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

Stack Attached to	: SEAF (No.2) (7.5 MVA)		
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 port (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	: Bag Filter		

### B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS
1.	Flue Gas Temperature	°C	IS : 11255 (Part 1)	: 88.0
2.	Barometric Pressure	mm of Hg.	--	: 758.0
3.	Velocity of Gas flow	m/s	IS : 11255 (Part 3)	: 9.73
4.	Quantity of Gas flow	Nm <sup>3</sup> /hr.	IS : 11255 (Part III)	: 57920.47
5.	Concentration of SO <sub>2</sub>	mg/Nm <sup>3</sup>	IS 11255 (Part 2) : 2019	: 32.0
6.	Concentration of CO <sub>2</sub>	% (v/v)	IS 13270 : 2019	: 1.6
7.	Concentration of CO	% (v/v)	IS 13270 : 2019	: <1.0
8.	Concentration of Particulate Matter	mg/Nm <sup>3</sup>	IS 11255 (Part – 1) : 2019 & ASTM D 3685/D 3685M-98 (reapproved 2005) : Sec. 11 (Vol.11.07) : 2017	: 24.71

Remarks : Result relates only to the sample tested.

Reviewed By :

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 Overseas : UAE ■ Qatar ■ Netherlands





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## TEST REPORT

FORMAT NO : ENV/FM/38

Name of the Industry	: Eloquent Steel Pvt. Ltd.	Type of Industry	: Ferro Alloy and SMS Unit		
Address	: Vill. – Nakrajoria, P.O. + P.S. – Salanpur, Dist. – Paschim Bardhaman	Sampling Date	: 21.02.2023		
		Period of Analysis	: 25.02.2023 – 25.02.2023		
		Date of Issue	: 27.02.2023		
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No	Type of Sample	: Stack Emission
Sample Condition	: Sealed	Sample ID No.	: ENV/62/Feb./A/III	Report No.	: ENV/62/Feb./TR(A)/III/22-23

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

Stack Attached to	: SEAF (No.3) (7.5 MVA)		
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 port (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	: Bag Filter		

### B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS
1.	Flue Gas Temperature	°C	IS : 11255 (Part 1)	: 87.0
2.	Barometric Pressure	mm of Hg.	--	: 758.0
3.	Velocity of Gas flow	m/s	IS : 11255 (Part 3)	: 9.70
4.	Quantity of Gas flow	Nm <sup>3</sup> /hr.	IS : 11255 (Part III)	: 57891.53
5.	Concentration of SO <sub>2</sub>	mg/Nm <sup>3</sup>	IS 11255 (Part 2) : 2019	: 42.24
6.	Concentration of CO <sub>2</sub>	% (v/v)	IS 13270 : 2019	: 2.0
7.	Concentration of CO	% (v/v)	IS 13270 : 2019	: <1.0
8.	Concentration of Particulate Matter	mg/Nm <sup>3</sup>	IS 11255 (Part – 1) : 2019 & ASTM D 3685/D 3685M-98 (reapproved 2005) : Sec. 11 (Vol.11.07) : 2017	: 28.46

Remarks : Result relates only to the sample tested.

Reviewed By :

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# ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB  
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



## TEST REPORT

FORMAT NO : ENV/FM/38

Name of the Industry	: Eloquent Steel Pvt. Ltd.	Type of Industry	: Ferro Alloy and SMS Unit		
Address	: Vill. – Nakrajoria, P.O. + P.S. – Salanpur, Dist. – Paschim Bardhaman	Sampling Date	: 21.02.2023		
		Period of Analysis	: 25.02.2023 – 25.02.2023		
		Date of Issue	: 27.02.2023		
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No	Type of Sample	: Stack Emission
Sample Condition	: Sealed	Sample ID No.	: ENV/62/Feb./A/IV	Report No.	: ENV/62/Feb./TR(A)/IV/22-23

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

Stack Attached to	: SEAF (No.4) (5.5 MVA)		
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.)	: 2.0
Capacity	: 5.5 MVA	Height of sampling port (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	: Bag Filter		

### B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS
1.	Flue Gas Temperature	°C	IS : 11255 (Part 1)	: 84.0
2.	Barometric Pressure	mm of Hg.	--	: 758.0
3.	Velocity of Gas flow	m/s	IS : 11255 (Part 3)	: 9.59
4.	Quantity of Gas flow	Nm <sup>3</sup> /hr.	IS : 11255 (Part III)	: 90197.91
5.	Concentration of SO <sub>2</sub>	mg/Nm <sup>3</sup>	IS 11255 (Part 2) : 2019	: 36.58
6.	Concentration of CO <sub>2</sub>	% (v/v)	IS 13270 : 2019	: 1.8
7.	Concentration of CO	% (v/v)	IS 13270 : 2019	: <1.0
8.	Concentration of Particulate Matter	mg/Nm <sup>3</sup>	IS 11255 (Part – 1) : 2019 & ASTM D 3685/D 3685M-98 (reapproved 2005) : Sec. 11 (Vol.11.07) : 2017	: 18.60

Remarks : Result relates only to the sample tested.

Reviewed By :

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# Annexure – 2



# ENVIROCHECK

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## TEST REPORT

FORMAT NO : ENV/FM/37

Name of the Industry	: Eloquent Steel Pvt. Ltd.	Type of Industry	: Ferro Alloy and SMS Unit		
Address	: Vill. - Nakrajoria, P.O. + P.S. - Salanpur, Dist. - Paschim Bardhaman	Sampling Date	: 20.02.2023 - 21.02.2023		
		Period of Analysis	: 25.02.2023 - 25.02.2023		
		Date of Issue	: 27.02.2023		
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No	Type of Sample	: Ambient Air
Sample Condition	: Sealed	Sample ID No.	: ENV/62/Feb./A/V	Report No.	: ENV/62/Feb./TR(A)/V/22-23

### A] GENERAL INFORMATION

1. Location of Sampling : Near Administrative Buildings
2. Duration of Sampling : 24 hrs. (09:00 a.m. - 09:00 a.m.)

### B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 22.0
2. Average Relative Humidity (%) : 62.0
3. Barometric Pressure (mm of Hg) : 758.0
4. Smell or Odour : No Remarkable Smell
5. Weather Condition : Clear

### C] RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS
1.	Concentration of PM <sub>2.5</sub>	µg/m <sup>3</sup>	IS 5182 (Part 24) : 2019	56.02
2.	Concentration of PM <sub>10</sub>	µg/m <sup>3</sup>	IS 5182 (PART 23) : 2019	89.12
3.	Concentration of SO <sub>2</sub>	µg/m <sup>3</sup>	IS 5182 (Part 2) 2017 & ASTM D 2914-01, Sec. 11 (Vol. 11.07) : 2017	16.66
4.	Concentration of NO <sub>2</sub>	µg/m <sup>3</sup>	IS 5182 (Part 6) 2017 & ASTM D 1607-91 : Sec. 11 (Vol. 11.07) : 2018	36.15
5.	Concentration of CO	mg/m <sup>3</sup>	IS 5182 (Part 10) : 2019	0.26
6.	Concentration of Pb	µg/m <sup>3</sup>	IS 5182 (Part 22) : 2019	<0.01
7.	Benzo (a) Pyrene (BaP)	ng/m <sup>3</sup>	IS 5182 (Part 12) : 2019 & ASTM D 6209-98, Sec. 11 (Vol. 11.07) : 2021/ASTM D 6209-98, Sec. 11 (Vo. 11.07) : 2021	<0.36
8.	Benzene (C <sub>6</sub> H <sub>6</sub> )	µg/m <sup>3</sup>	IS 5182 (Part 11) 2017 & ASTM D 6209-98, Sec. 11 (Vol. 11.07) : 2021	<0.74
9.	Ozone (O <sub>3</sub> )	µg/m <sup>3</sup>	IS 5182 (Part-9) : 2019	<10.0
10.	Ammonia (NH <sub>3</sub> )	µg/m <sup>3</sup>	IS 5182 (Part 25) : 2018	<4.18
11.	Nickel (Ni)	ng/m <sup>3</sup>	EPA IO 3.2, 1999	<0.02
12.	Arsenic (As)	ng/m <sup>3</sup>	EPA IO 3.2, 1999 & APHA 23 <sup>rd</sup> Ed 3114C : 2017	<0.01

Remarks : Result relates only to the sample tested.

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# ENVIROCHECK

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## TEST REPORT

FORMAT NO : ENV/FM/37

Name of the Industry	: Eloquent Steel Pvt. Ltd.	Type of Industry	: Ferro Alloy and SMS Unit		
Address	: Vill. – Nakrajoria, P.O. + P.S. – Salanpur, Dist. – Paschim Bardhaman	Sampling Date	: 20.02.2023 – 21.02.2023		
		Period of Analysis	: 25.02.2023 – 25.02.2023		
		Date of Issue	: 27.02.2023		
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No	Type of Sample	: Ambient Air
Sample Condition	: Sealed	Sample ID No.	: ENV/62/Feb./A/VI	Report No.	: ENV/62/Feb./TR(A)/VI/22-23

### A] GENERAL INFORMATION

1. Location of Sampling : Near D. V.C Meter Room (Back Side of the Plant)
2. Duration of Sampling : 24 hrs. (09:30 a.m. – 09:30 a.m.)

### B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 22.0
2. Average Relative Humidity (%) : 62.0
3. Barometric Pressure (mm of Hg) : 758.0
4. Smell or Odour : No Remarkable Smell
5. Weather Condition : Clear

### C] RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS
1.	Concentration of PM <sub>2.5</sub>	µg/m <sup>3</sup>	IS 5182 (Part 24) : 2019	46.34
2.	Concentration of PM <sub>10</sub>	µg/m <sup>3</sup>	IS 5182 (PART 23) : 2019	81.17
3.	Concentration of SO <sub>2</sub>	µg/m <sup>3</sup>	IS 5182 (Part 2) 2017 & ASTM D 2914-01, Sec. 11 (Vol. 11.07) : 2017	9.18
4.	Concentration of NO <sub>2</sub>	µg/m <sup>3</sup>	IS 5182 (Part 6) 2017 & ASTM D 1607-91 : Sec. 11 (Vol. 11.07) : 2018	25.98
5.	Concentration of CO	mg/m <sup>3</sup>	IS 5182 (Part 10) : 2019	0.18
6.	Concentration of Pb	µg/m <sup>3</sup>	IS 5182 (Part 22) : 2019	<0.01
7.	Benzo (a) Pyrene (BaP)	ng/m <sup>3</sup>	IS 5182 (Part 12) : 2019 & ASTM D 6209-98, Sec. 11 (Vol. 11.07) : 2021/ASTM D 6209-98, Sec. 11 (Vo. 11.07) : 2021	<0.36
8.	Benzene (C <sub>6</sub> H <sub>6</sub> )	µg/m <sup>3</sup>	IS 5182 (Part 11) 2017 & ASTM D 6209-98, Sec. 11 (Vol. 11.07) : 2021	<0.74
9.	Ozone (O <sub>3</sub> )	µg/m <sup>3</sup>	IS 5182 (Part-9) : 2019	<10.0
10.	Ammonia (NH <sub>3</sub> )	µg/m <sup>3</sup>	IS 5182 (Part 25) : 2018	<4.18
11.	Nickel (Ni)	ng/m <sup>3</sup>	EPA IO 3.2, 1999	<0.02
12.	Arsenic (As)	ng/m <sup>3</sup>	EPA IO 3.2, 1999 & APHA 23 <sup>rd</sup> Ed 3114C : 2017	<0.01

Remarks : Result relates only to the sample tested.

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# ENVIROCHECK

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## TEST REPORT

FORMAT NO : ENV/FM/37

Name of the Industry	: Eloquent Steel Pvt. Ltd.	Type of Industry	: Ferro Alloy and SMS Unit		
Address	: Vill. – Nakrajoria, P.O. + P.S. – Salanpur, Dist. – Paschim Bardhaman	Sampling Date	: 20.02.2023 – 21.02.2023		
		Period of Analysis	: 25.02.2023 – 25.02.2023		
		Date of Issue	: 27.02.2023		
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No	Type of Sample	: Ambient Air
Sample Condition	: Sealed	Sample ID No.	: ENV/62/Feb./A/VII	Report No.	: ENV/62/Feb./TR(A)/VII/22-23

### A] GENERAL INFORMATION

1. Location of Sampling : Dendul Village (1 km. Distance from Plant)
2. Duration of Sampling : 24 hrs. (11:00 a.m. – 11:00 a.m.)

### B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 21.0
2. Average Relative Humidity (%) : 60.0
3. Barometric Pressure (mm of Hg) : 758.0
4. Smell or Odour : No Remarkable Smell
5. Weather Condition : Clear

### C] RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS
1.	Concentration of PM <sub>2.5</sub>	µg/m <sup>3</sup>	IS 5182 (Part 24) : 2019	49.20
2.	Concentration of PM <sub>10</sub>	µg/m <sup>3</sup>	IS 5182 (PART 23) : 2019	82.62
3.	Concentration of SO <sub>2</sub>	µg/m <sup>3</sup>	IS 5182 (Part 2) 2017 & ASTM D 2914-01, Sec. 11 (Vol. 11.07) : 2017	8.12
4.	Concentration of NO <sub>2</sub>	µg/m <sup>3</sup>	IS 5182 (Part 6) 2017 & ASTM D 1607-91 : Sec. 11 (Vol. 11.07) : 2018	25.98
5.	Concentration of CO	mg/m <sup>3</sup>	IS 5182 (Part 10) : 2019	0.16
6.	Concentration of Pb	µg/m <sup>3</sup>	IS 5182 (Part 22) : 2019	<0.01
7.	Benzo (a) Pyrene (BaP)	ng/m <sup>3</sup>	IS 5182 (Part 12) : 2019 & ASTM D 6209-98, Sec. 11 (Vol. 11.07) : 2021/ASTM D 6209-98, Sec. 11 (Vo. 11.07) : 2021	<0.36
8.	Benzene (C <sub>6</sub> H <sub>6</sub> )	µg/m <sup>3</sup>	IS 5182 (Part 11) 2017 & ASTM D 6209-98, Sec. 11 (Vol. 11.07) : 2021	<0.74
9.	Ozone (O <sub>3</sub> )	µg/m <sup>3</sup>	IS 5182 (Part-9) : 2019	<10.0
10.	Ammonia (NH <sub>3</sub> )	µg/m <sup>3</sup>	IS 5182 (Part 25) : 2018	<4.18
11.	Nickel (Ni)	ng/m <sup>3</sup>	EPA IO 3.2, 1999	<0.02
12.	Arsenic (As)	ng/m <sup>3</sup>	EPA IO 3.2, 1999 & APHA 23 <sup>rd</sup> Ed 3114C : 2017	<0.01

Remarks : Result relates only to the sample tested.

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# ENVIROCHECK

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## TEST REPORT

FORMAT NO : ENV/FM/37

Name of the Industry	: Eloquent Steel Pvt. Ltd.	Type of Industry	: Ferro Alloy and SMS Unit		
Address	: Vill. – Nakrajoria, P.O. + P.S. – Salanpur, Dist. – Paschim Bardhaman	Sampling Date	: 20.02.2023 – 21.02.2023		
		Period of Analysis	: 25.02.2023 – 25.02.2023		
		Date of Issue	: 27.02.2023		
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No	Type of Sample	: Ambient Air
Sample Condition	: Sealed	Sample ID No.	: ENV/62/Feb./A/VIII	Report No.	: ENV/62/Feb./TR(A)/VIII/22-23

### A] GENERAL INFORMATION

1. Location of Sampling : Near Main Gate
2. Duration of Sampling : 24 hrs. (10:00 a.m. – 10:00 a.m.)

### B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 23.0
2. Average Relative Humidity (%) : 64.0
3. Barometric Pressure (mm of Hg) : 758.0
4. Smell or Odour : No Remarkable Smell
5. Weather Condition : Clear

### C] RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS
1.	Concentration of PM <sub>2.5</sub>	µg/m <sup>3</sup>	IS 5182 (Part 24) : 2019	53.55
2.	Concentration of PM <sub>10</sub>	µg/m <sup>3</sup>	IS 5182 (PART 23) : 2019	84.62
3.	Concentration of SO <sub>2</sub>	µg/m <sup>3</sup>	IS 5182 (Part 2) 2017 & ASTM D 2914-01, Sec. 11 (Vol. 11.07) : 2017	11.11
4.	Concentration of NO <sub>2</sub>	µg/m <sup>3</sup>	IS 5182 (Part 6) 2017 & ASTM D 1607-91 : Sec. 11 (Vol. 11.07) : 2018	30.57
5.	Concentration of CO	mg/m <sup>3</sup>	IS 5182 (Part 10) : 2019	0.26
6.	Concentration of Pb	µg/m <sup>3</sup>	IS 5182 (Part 22) : 2019	<0.01
7.	Benzo (a) Pyrene (BaP)	ng/m <sup>3</sup>	IS 5182 (Part 12) : 2019 & ASTM D 6209-98, Sec. 11 (Vol. 11.07) : 2021/ASTM D 6209-98, Sec. 11 (Vo. 11.07) : 2021	<0.36
8.	Benzene (C <sub>6</sub> H <sub>6</sub> )	µg/m <sup>3</sup>	IS 5182 (Part 11) 2017 & ASTM D 6209-98, Sec. 11 (Vol. 11.07) : 2021	<0.74
9.	Ozone (O <sub>3</sub> )	µg/m <sup>3</sup>	IS 5182 (Part-9) : 2019	<10.0
10.	Ammonia (NH <sub>3</sub> )	µg/m <sup>3</sup>	IS 5182 (Part 25) : 2018	<4.18
11.	Nickel (Ni)	ng/m <sup>3</sup>	EPA IO 3.2, 1999	<0.02
12.	Arsenic (As)	ng/m <sup>3</sup>	EPA IO 3.2, 1999 & APHA 23 <sup>rd</sup> Ed 3114C : 2017	<0.01

Remarks : Result relates only to the sample tested.

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## TEST REPORT

FORMAT NO : ENV/FM/37

Name of the Industry	: Eloquent Steel Pvt. Ltd.	Type of Industry	: Ferro Alloy and SMS Unit		
Address	: Vill. – Nakrajoria, P.O. + P.S. – Salanpur, Dist. – Paschim Bardhaman	Sampling Date	: 20.02.2023 – 21.02.2023		
		Period of Analysis	: 25.02.2023 – 25.02.2023		
		Date of Issue	: 27.02.2023		
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No	Type of Sample	: Ambient Air
Sample Condition	: Sealed	Sample ID No.	: ENV/62/Feb./A/IX	Report No.	: ENV/62/Feb./TR(A)/IX/22-23

### A] GENERAL INFORMATION

1. Location of Sampling : Near M.C.C. Buildings (Back Side of Plant)
2. Duration of Sampling : 24 hrs. (10:30 a.m. – 10:30 a.m.)

### B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 21.0
2. Average Relative Humidity (%) : 62.0
3. Barometric Pressure (mm of Hg) : 758.0
4. Smell or Odour : No Remarkable Smell
5. Weather Condition : Clear

### C] RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS
1.	Concentration of PM <sub>2.5</sub>	µg/m <sup>3</sup>	IS 5182 (Part 24) : 2019	48.01
2.	Concentration of PM <sub>10</sub>	µg/m <sup>3</sup>	IS 5182 (PART 23) : 2019	79.47
3.	Concentration of SO <sub>2</sub>	µg/m <sup>3</sup>	IS 5182 (Part 2) 2017 & ASTM D 2914-01, Sec. 11 (Vol. 11.07) : 2017	7.90
4.	Concentration of NO <sub>2</sub>	µg/m <sup>3</sup>	IS 5182 (Part 6) 2017 & ASTM D 1607-91 : Sec. 11 (Vol. 11.07) : 2018	26.0
5.	Concentration of CO	mg/m <sup>3</sup>	IS 5182 (Part 10) : 2019	0.16
6.	Concentration of Pb	µg/m <sup>3</sup>	IS 5182 (Part 22) : 2019	<0.01
7.	Benzo (a) Pyrene (BaP)	ng/m <sup>3</sup>	IS 5182 (Part 12) : 2019 & ASTM D 6209-98, Sec. 11 (Vol. 11.07) : 2021/ASTM D 6209-98, Sec. 11 (Vo. 11.07) : 2021	<0.36
8.	Benzene (C <sub>6</sub> H <sub>6</sub> )	µg/m <sup>3</sup>	IS 5182 (Part 11) 2017 & ASTM D 6209-98, Sec. 11 (Vol. 11.07) : 2021	<0.74
9.	Ozone (O <sub>3</sub> )	µg/m <sup>3</sup>	IS 5182 (Part-9) : 2019	<10.0
10.	Ammonia (NH <sub>3</sub> )	µg/m <sup>3</sup>	IS 5182 (Part 25) : 2018	<4.18
11.	Nickel (Ni)	ng/m <sup>3</sup>	EPA IO 3.2, 1999	<0.02
12.	Arsenic (As)	ng/m <sup>3</sup>	EPA IO 3.2, 1999 & APHA 23 <sup>rd</sup> Ed 3114C : 2017	<0.01

Remarks : Result relates only to the sample tested.

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 Overseas : UAE ■ Qatar ■ Netherlands





# ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB  
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## TEST REPORT

FORMAT NO : ENV/FM/37

Name of the Industry	: Eloquent Steel Pvt. Ltd.	Type of Industry	: Ferro Alloy and SMS Unit		
Address	: Vill. – Nakrajoria, P.O. + P.S. – Salanpur, Dist. – Paschim Bardhaman	Sampling Date	: 20.02.2023 – 21.02.2023		
		Period of Analysis	: 25.02.2023 – 25.02.2023		
		Date of Issue	: 27.02.2023		
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No	Type of Sample	: Ambient Air
Sample Condition	: Sealed	Sample ID No.	: ENV/62/Feb./A/X	Report No.	: ENV/62/Feb./TR(A)/X/22-23

### A] GENERAL INFORMATION

1. Location of Sampling : Nakrajoria Village (01 km. Distance from Plant)
2. Duration of Sampling : 24 hrs. (12:00 noon – 12:00 noon)

### B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 21.0
2. Average Relative Humidity (%) : 60.0
3. Barometric Pressure (mm of Hg) : 758.0
4. Smell or Odour : No Remarkable Smell
5. Weather Condition : Clear

### C] RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS
1.	Concentration of PM <sub>2.5</sub>	µg/m <sup>3</sup>	IS 5182 (Part 24) : 2019	45.87
2.	Concentration of PM <sub>10</sub>	µg/m <sup>3</sup>	IS 5182 (PART 23) : 2019	76.22
3.	Concentration of SO <sub>2</sub>	µg/m <sup>3</sup>	IS 5182 (Part 2) 2017 & ASTM D 2914-01, Sec. 11 (Vol. 11.07) : 2017	7.69
4.	Concentration of NO <sub>2</sub>	µg/m <sup>3</sup>	IS 5182 (Part 6) 2017 & ASTM D 1607-91 : Sec. 11 (Vol. 11.07) : 2018	25.0
5.	Concentration of CO	mg/m <sup>3</sup>	IS 5182 (Part 10) : 2019	0.14
6.	Concentration of Pb	µg/m <sup>3</sup>	IS 5182 (Part 22) : 2019	<0.01
7.	Benzo (a) Pyrene (BaP)	ng/m <sup>3</sup>	IS 5182 (Part 12) : 2019 & ASTM D 6209-98, Sec. 11 (Vol. 11.07) : 2021/ASTM D 6209-98, Sec. 11 (Vo. 11.07) : 2021	<0.36
8.	Benzene (C <sub>6</sub> H <sub>6</sub> )	µg/m <sup>3</sup>	IS 5182 (Part 11) 2017 & ASTM D 6209-98, Sec. 11 (Vol. 11.07) : 2021	<0.74
9.	Ozone (O <sub>3</sub> )	µg/m <sup>3</sup>	IS 5182 (Part-9) : 2019	<10.0
10.	Ammonia (NH <sub>3</sub> )	µg/m <sup>3</sup>	IS 5182 (Part 25) : 2018	<4.18
11.	Nickel (Ni)	ng/m <sup>3</sup>	EPA IO 3.2, 1999	<0.02
12.	Arsenic (As)	ng/m <sup>3</sup>	EPA IO 3.2, 1999 & APHA 23 <sup>rd</sup> Ed 3114C : 2017	<0.01

Remarks : Result relates only to the sample tested.

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 Overseas : UAE ■ Qatar ■ Netherlands

# Annexure – 3



# ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB  
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



## TEST REPORT

FORMAT NO : ENV/FM/57

Name of the Industry	: Eloquent Steel Pvt. Ltd.	Type of Industry	: Ferro Alloy and SMS Unit		
Address	: Vill. - Nakraoria, P.O. + P.S. - Salanpur, Dist. - Paschim Bardhaman	Sampling Date	: 21.02.2023		
		Period of Analysis	: 25.02.2023 - 25.02.2023		
		Date of Issue	: 27.02.2023		
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No	Type of Sample	: Work Zone Air
Sample Condition	: Sealed	Sample ID No.	: ENV/62/Feb./A/XI	Report No.	: ENV/62/Feb./TR(A)/XI/22-23

### A] GENERAL INFORMATION

1. Location of Sampling : Inside the Ferro Division (South Side)
2. Duration of Sampling : 08 hrs. (09:50 a.m. - 05:50 p.m.)

### B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 30.0
2. Average Relative Humidity (%) : 70.0
3. Barometric Pressure (mm of Hg) : 758.0
4. Smell or Odour : No Remarkable Smell

### C] RESULT

SL. NO.	PARAMETER	UNIT	METHOD NO.	RESULT
1.	Concentration of SPM	µg/m <sup>3</sup>	IS 5182 (Part 4) : 2019	461.50

Remarks : Result relates only to the sample tested.

Reviewed By :

INDRANI BHATTACHARYA  
Dy. Technical Manager, Chemical

Authorised Signatory :

Dr. AJAY PAUL  
Quality Manager



# ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB  
Accredited by NABL (ISO/IEC 17025:2017)  
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



## TEST REPORT

FORMAT NO : ENV/FM/57

Name of the Industry	: Eloquent Steel Pvt. Ltd.	Type of Industry	: Ferro Alloy and SMS Unit		
Address	: Vill. - Nakrajoria, P.O. + P.S. - Salanpur, Dist. - Paschim Bardhaman	Sampling Date	: 21.02.2023		
		Period of Analysis	: 25.02.2023 - 25.02.2023		
		Date of Issue	: 27.02.2023		
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No	Type of Sample	: Work Zone Air
Sample Condition	: Sealed	Sample ID No.	: ENV/62/Feb./A/XI	Report No.	: ENV/62/Feb./TR(A)/XI/22-23

### A] GENERAL INFORMATION

1. Location of Sampling : Inside the Ferro Division (South Side)
2. Duration of Sampling : 08 hrs. (09:50 a.m. - 05:50 p.m.)

### B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 30.0
2. Average Relative Humidity (%) : 70.0
3. Barometric Pressure (mm of Hg) : 758.0
4. Smell or Odour : No Remarkable Smell

### C] RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS
1.	Concentration of SO <sub>2</sub>	µg/m <sup>3</sup>	IS 5182 (Part 2) 2017 & ASTM D 2914-01, Sec. 11 (Vol. 11.07) : 2017	18.20
2.	Concentration of NO <sub>2</sub>	µg/m <sup>3</sup>	IS 5182 (Part 6) 2017 & ASTM D 1607-91 : Sec. 11 (Vol. 11.07) : 2018	36.50

Remarks : Result relates only to the sample tested.

Reviewed By :

INDRANI BHATTACHARYA  
Dy. Technical Manager, Chemical

Authorised Signatory :

Dr. AJOY PAUL  
Quality Manager



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## TEST REPORT

FORMAT NO : ENV/FM/57

Name of the Industry	: Eloquent Steel Pvt. Ltd.	Type of Industry	: Ferro Alloy and SMS Unit		
Address	: Vill. – Nakrajoria, P.O. + P.S. – Salanpur, Dist. – Paschim Bardhaman	Sampling Date	: 21.02.2023		
		Period of Analysis	: 25.02.2023 – 25.02.2023		
		Date of Issue	: 27.02.2023		
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No	Type of Sample	: Work Zone Air
Sample Condition	: Sealed	Sample ID No.	: ENV/62/Feb./A/XII	Report No.	: ENV/62/Feb./TR(A)/XII/22-23

### A] GENERAL INFORMATION

1. Location of Sampling : Inside the Ferro Division (North Side)
2. Duration of Sampling : 08 hrs. (10:00 a.m. – 06:00 p.m.)

### B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 30.0
2. Average Relative Humidity (%) : 70.0
3. Barometric Pressure (mm of Hg) : 758.0
4. Smell or Odour : No Remarkable Smell

### C] RESULT

SL. NO.	PARAMETER	UNIT	METHOD NO.	RESULT
1.	Concentration of SPM	µg/m <sup>3</sup>	IS 5182 (Part 4) : 2019	462.80

Remarks : Result relates only to the sample tested.

Reviewed By :

INDRANI BHATTACHARYA  
Dy. Technical Manager, Chemical

Authorised Signatory :

Dr. AJOY PAUL  
Quality Manager



# ENVIROCHECK

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## TEST REPORT

FORMAT NO : ENV/FM/57

Name of the Industry	: Eloquent Steel Pvt. Ltd.	Type of Industry	: Ferro Alloy and SMS Unit		
Address	: Vill. – Nakrajoria, P.O. + P.S. – Salanpur, Dist. – Paschim Bardhaman	Sampling Date	: 21.02.2023		
		Period of Analysis	: 25.02.2023 – 25.02.2023		
		Date of Issue	: 27.02.2023		
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No	Type of Sample	: Work Zone Air
Sample Condition	: Sealed	Sample ID No.	: ENV/62/Feb./A/XII	Report No.	: ENV/62/Feb./TR(A)/XII/22-23

### A] GENERAL INFORMATION

1. Location of Sampling : Inside the Ferro Division (North Side)
2. Duration of Sampling : 08 hrs. (10:00 a.m. – 06:00 p.m.)

### B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 30.0
2. Average Relative Humidity (%) : 70.0
3. Barometric Pressure (mm of Hg) : 758.0
4. Smell or Odour : No Remarkable Smell

### C] RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS
1.	Concentration of SO <sub>2</sub>	µg/m <sup>3</sup>	IS 5182 (Part 2) 2017 & ASTM D 2914-01, Sec. 11 (Vol. 11.07) : 2017	16.50
2.	Concentration of NO <sub>2</sub>	µg/m <sup>3</sup>	IS 5182 (Part 6) 2017 & ASTM D 1607-91 : Sec. 11 (Vol. 11.07) : 2018	34.20

Remarks : Result relates only to the sample tested.

Reviewed By :

INDRANI BHATTACHARYA  
Dy. Technical Manager, Chemical

Authorised Signatory :

Dr. AJAY PAUL  
Quality Manager

H.O. : 63/B, Rastraguru Avenue, Kolkata -700028 ■ Ph. 033 25792891/ 25497490 ■ Fax : 033 25299141  
 Laboratory : 189, 190 & 192, Rastraguru Avenue, Kolkata -700028 ■ Ph. 033 25792889  
 E-mail : 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

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## TEST REPORT

FORMAT NO : ENV/FM/57

Name of the Industry	:	Eloquent Steel Pvt. Ltd.	Type of Industry	:	Ferro Alloy and SMS Unit			
Address	:	Vill. - Nakrajoria, P.O. + P.S. - Salanpur, Dist. - Paschim Bardhaman	Sampling Date	:	21.02.2023			
			Period of Analysis	:	25.02.2023 - 25.02.2023			
			Date of Issue	:	27.02.2023			
Sampling Plan & Procedure	:	ENV/SOP/01	Deviation from the Sampling Method and Plan	:	No	Type of Sample	:	Work Zone Air
Sample Condition	:	Sealed	Sample ID No.	:	ENV/62/Feb./A/XIII	Report No.	:	ENV/62/Feb./TR(A)/XIII/22-23

### A] GENERAL INFORMATION

1. Location of Sampling : Inside the Raw Materials Stock Yard
2. Duration of Sampling : 08 hrs. (10:20 a.m. - 06:20 p.m.)

### B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 24.0
2. Average Relative Humidity (%) : 68.0
3. Barometric Pressure (mm of Hg) : 758.0
4. Smell or Odour : No Remarkable Smell

### C] RESULT

SL. NO.	PARAMETER	UNIT	METHOD NO.	RESULT
1.	Concentration of SPM	µg/m <sup>3</sup>	IS 5182 (Part 4) : 2019	472.80

Remarks : Result relates only to the sample tested.

Reviewed By :

INDRANI BHATTACHARYA  
Dy. Technical Manager, Chemical

Authorised Signatory :

Dr. AJOY PAUL  
Quality Manager



# ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB  
Accredited by NABL (ISO/IEC 17025:2017)  
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



## TEST REPORT

FORMAT NO : ENV/FM/57

Name of the Industry	: Eloquent Steel Pvt. Ltd.	Type of Industry	: Ferro Alloy and SMS Unit		
Address	: Vill. – Nakrajoria, P.O. + P.S. – Salanpur, Dist. – Paschim Bardhaman	Sampling Date	: 21.02.2023		
		Period of Analysis	: 25.02.2023 – 25.02.2023		
		Date of Issue	: 27.02.2023		
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No	Type of Sample	: Work Zone Air
Sample Condition	: Sealed	Sample ID No.	: ENV/62/Feb./A/XIII	Report No.	: ENV/62/Feb./TR(A)/XIII/22-23

### A] GENERAL INFORMATION

1. Location of Sampling : Inside the Raw Materials Stock Yard
2. Duration of Sampling : 08 hrs. (10:20 a.m. – 06:20 p.m.)

### B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 24.0
2. Average Relative Humidity (%) : 68.0
3. Barometric Pressure (mm of Hg) : 758.0
4. Smell or Odour : No Remarkable Smell

### C] RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS
1.	Concentration of SO <sub>2</sub>	µg/m <sup>3</sup>	IS 5182 (Part 2) 2017 & ASTM D 2914-01, Sec. 11 (Vol. 11.07) : 2017	7.20
2.	Concentration of NO <sub>2</sub>	µg/m <sup>3</sup>	IS 5182 (Part 6) 2017 & ASTM D 1607-91 : Sec. 11 (Vol. 11.07) : 2018	28.50

Remarks : Result relates only to the sample tested.

Reviewed By :

INDRANI BHATTACHARYA  
Dy. Technical Manager, Chemical

Authorised Signatory :

Dr. AJOY PAUL  
Quality Manager

<End of Report>

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Branch Office : Siliguri ■ Haldia ■ Durgapur ■ Dhanbad ■ Gangtok ■ Port Blair ■ Dehradun ■ New Delhi  
Overseas : UAE ■ Qatar ■ Netherlands



# Annexure – 4



# ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB  
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



**FORMAT NO. ENV/FM/40**

## TEST REPORT

Name of the Industry	: Eloquent Steel Pvt. Ltd.	Type of Industry	: Ferro Alloy and SMS Unit		
Address	: Vill. – Nakrajoria, P.O. + P.S. – Salanpur, Dist. – Paschim Bardhaman	Sampling Date	: 20.02.2023		
		Period of Analysis	: 22.02.2023 – 27.02.2023		
		Date of Issue	: 28.02.2023		
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No	Type of Sample	: Industrial Effluent Water (Grab)
Location	: Recycling Water Tank	Sample ID No.	: ENV/1000C/Feb./M/W	Report No.	: ENV/1000C/Feb./M/TR(W)/22-23

SL. NO.	PARAMETERS	TEST METHOD	UNIT	RESULTS
1.	pH	4500 H+B APHA 23 <sup>rd</sup> Edition, 2017	-	6.78
2.	Total Suspended Solids	2540 D APHA 23 <sup>rd</sup> Edition, 2017	mg/l	15.0
3.	Oil & Grease	5520 B/D APHA 23 <sup>rd</sup> Edition, 2017	mg/l	<1.0
4.	Chemical Oxygen Demand	5200 B/C/D APHA 23 <sup>rd</sup> Edition, 2017	mg/l	20.0
5.	Biochemical Oxygen Demand for 5 days at 20°C	5210 B APHA 23 <sup>rd</sup> Edition, 2017	mg/l	<2.0

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

**Reviewed By :**

DURBADAL CHAKRABORTY  
Dy. Quality Manager

**Authorised Signatory :**

Dr. AJJOY PAUL  
Quality Manager

<End of Report>

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Laboratory : 189, 190 & 192, Rastraguru Avenue, Kolkata -700028 ■ Ph. 033 25792889  
E-mail : info@envirocheck.in / envirocheck50@gmail.com ■ Website : www.envirocheck.in  
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Overseas : UAE ■ Qatar ■ Netherlands

# Annexure – 5A



# ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB  
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



**FORMAT NO. ENV/FM/55**

## TEST REPORT

Name of the Industry	:	Eloquent Steel Pvt. Ltd.	Type of Industry	:	Steel & Power Unit			
Address	:	Vill. - Nakrajoria, P.O. + P.S. - Salanpur, Dist. - Paschim Bardhaman	Sampling Date	:	20.02.2023			
	Period of Analysis		:	22.02.2023 - 27.02.2023				
	Date of Issue		:	28.02.2023				
Sampling Plan & Procedure	:	ENV/SOP/01	Deviation from the Sampling Method and Plan	:	No	Type of Sample	:	Ground Water
Location	:	Nakrajoria Village	Sample ID No.	:	ENV/1000E/Feb./W/M	Report No.	:	ENV/1000D/Feb./TR(W)/M/22-23

PARAMETERS		METHOD	UNIT	RESULTS
1.	Colour	APHA 23 <sup>rd</sup> Ed., 3111 B : 2017	Hazen	1.0
2.	Odour	APHA 23 <sup>rd</sup> Ed., 2150 B : 2017	--	Odourless
3.	pH	APHA 23 <sup>rd</sup> Ed., 4500 - H+B : 2017	--	6.80
4.	Taste	APHA 23 <sup>rd</sup> Ed., 2160 B : 2017	--	Acceptable
5.	Turbidity	APHA 23 <sup>rd</sup> Ed., 2130 B : 2047	NTU	1.20
6.	Total Dissolved Solids	APHA 23 <sup>rd</sup> Ed., 2540 B : 2017	mg./l	680.0
7.	Calcium	APHA 23 <sup>rd</sup> Ed., 3500 Ca-B : 2017	mg./l	40.48
8.	Chloride	APHA 23 <sup>rd</sup> Ed., 4500 Cl-B/D : 2017	mg./l	59.90
9.	Iron	APHA 23 <sup>rd</sup> Ed., 3111 B : 2017	mg./l	0.72
10.	Magnesium	APHA 23 <sup>rd</sup> Ed., 3500 Mg-B : 2017	mg./l	9.36
11.	Nitrate	APHA 23 <sup>rd</sup> Ed., NO <sub>3</sub> -E : 2017	mg./l	18.20
12.	Sulphate	APHA 23 <sup>rd</sup> Ed., 4500 SO <sub>4</sub> -E : 2017	mg./l	4.20
13.	Total Alkalinity	APHA 23 <sup>rd</sup> Ed., 2320 B : 2017	mg./l	180.0
14.	Total Hardness	APHA 23 <sup>rd</sup> Ed., 2340 C : 2017	mg./l	140.0
15.	Arsenic	IS 3025 (Part 37) : 1988 : 2014	mg./l	<0.01
16.	Chromium	APHA 23 <sup>rd</sup> Ed., 3111 Cr-B : 2017	mg./l	<0.02
17.	Boron	APHA 23 <sup>rd</sup> Ed., 4500 B-C : 2017	mg./l	<0.1

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

Reviewed By :

DURBADAL CHAKRABORTY  
Dy. Quality Manager

Approved By :

INDRANI BHATTACHARYA  
Dy. Technical Manager, Chemical

<End of Report>

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Overseas : UAE ■ Qatar ■ Netherlands



# ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB  
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



FORMAT NO. ENV/FM/55

## TEST REPORT

Name of the Industry	:	Eloquent Steel Pvt. Ltd.	Type of Industry	:	Steel & Power Unit			
Address	:	Vill. - Nakrajoria, P.O. + P.S. - Salanpur, Dist. - Paschim Bardhaman	Sampling Date	:	20.02.2023			
	Period of Analysis		:	22.02.2023 - 23.02.2023				
	Date of Issue		:	28.02.2023				
Sampling Plan & Procedure	:	ENV/SOP/01	Deviation from the Sampling Method and Plan	:	No	Type of Sample	:	Ground Water
Location	:	Nakrajoria Village	Sample ID No.	:	ENV/1000E/Feb./W/M	Report No.	:	ENV/1000D/Feb./TR(W)/M/22-23

PARAMETERS		METHOD	UNIT	RESULTS
1.	Total Coliform	9222 B, APHA 23 <sup>rd</sup> , 2017	CFU/100 ml.	<1.0
2.	E. Coli	9222 I, APHA 23 <sup>rd</sup> Ed., 2017	CFU/100 ml.	<1.0

- Remarks : a) CFU indicates Colony Forming Unit.  
b) <1.0 indicates "Absent" No Colony Developed i.e. No Coliform Found.  
c) Sample collected by Envirocheck and sent to lab for testing in sealed condition.  
d) Result relates only to the sample tested.

Reviewed By :

DURBADAL CHAKRABORTY  
Dy. Quality Manager

Approved By :

PRIYANKA MUKHERJEE  
Technical Manager, Microbiology

<End of Report>

# Annexure – 5B



# ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB  
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



FORMAT NO. ENV/FM/40

## TEST REPORT

Name of the Industry	:	Eloquent Steel Pvt. Ltd.	Type of Industry	:	Steel & Power Unit			
Address	:	Vill. - Nakrajoria, P.O. + P.S. - Salanpur, Dist. - Paschim Bardhaman	Sampling Date	:	20.02.2023			
			Period of Analysis	:	22.02.2023 - 27.02.2023			
			Date of Issue	:	28.02.2023			
Sampling Plan & Procedure	:	ENV/SOP/01	Deviation from the Sampling Method and Plan	:	No	Type of Sample	:	Surface Water
Location	:	Rain Water Harvesting Reservoir	Sample ID No.	:	ENV/1000/W/M	Report No.	:	ENV/1000/TR(W)/M/22-23

SL. NO.	PARAMETERS	TEST METHOD	UNIT	RESULTS
1.	pH	APHA 23 <sup>rd</sup> Ed., 4500 H+B : 2017	-	7.10
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed., 2540 D : 2017	mg/l	15.0
3.	Total Dissolved Solids	IS 3025 (Part 16) : 1984 : 2014	mg/l	220.0
4.	Dissolved Oxygen	APHA 23 <sup>rd</sup> Ed., 4500 - OC : 2017	mg/l	7.0
5.	COD	APHA 23 <sup>rd</sup> Ed., 5220 B/C/D : 2017	mg/l	16.0
6.	BOD [5 Day's at 20°C]	APHA 23 <sup>rd</sup> Ed., 5210 B : 2017	mg/l	<2.0
7.	Oil & Grease	APHA 23 <sup>rd</sup> Ed., 5520 B/D/ : 2017	mg/l	<1.0
8.	Residual Chlorine	APHA 23 <sup>rd</sup> Ed., Cl-B : 2017	mg/l	<0.04
9.	Chloride	APHA 23 <sup>rd</sup> Ed., 4500 Cl-B/D : 2017	mg/l	12.71
10.	Iron	APHA 23 <sup>rd</sup> Ed., 3111 B : 2017	mg/l	0.40
11.	Arsenic	APHA 23 <sup>rd</sup> Ed., 3114 B : 2017	mg/l	<0.01
12.	Lead	APHA 23 <sup>rd</sup> Ed., 3111 B : 2017	mg/l	<0.005
13.	Mercury	APHA 23 <sup>rd</sup> Ed., 3112 B : 2017	mg/l	<0.001
14.	Copper	APHA 23 <sup>rd</sup> Ed., 3111 B : 2017	mg/l	<0.04
15.	Dissolve Phosphate	APHA 23 <sup>rd</sup> Ed., 4500-P D/F : 2017	mg/l	0.90
16.	Zinc	APHA 23 <sup>rd</sup> Ed., 3111 B : 2017	mg/l	0.38
17.	Total Chromium	APHA 23 <sup>rd</sup> Ed., 3111 B : 2017	mg/l	<0.02

Reviewed By :

*Indrani Bhattacharya*

INDRANI BHATTACHARYA  
Dy. Technical Manager, Chemical

Authorised Signatory :

*Dr. Ajoy Paul*

Dr. AJAY PAUL  
Quality Manager

<End of Report>

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E-mail : 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 – 6









# Annexure – 7

# WEST BENGAL POLLUTION CONTROL BOARD

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



Consent Letter Number : 00134657

Memo Number : 195-12700/Rod/BINA/Cont/1581/07

Date : 3.5.2023

## 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 - Nakrajonia, PO & PS -  
Salampur, Dist - Paschim Bardhaman, PIN - 713357

(Detailed address of the manufacturing unit)

for a period from date of issue to 30/04/2028

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

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

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



For and on behalf of the State Board

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

08/05/23

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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 ore
02	Silico Manganese	3603 tonnes ore
03	High Carbon Ferro Chrome	4921 tonnes ore
04	Ferro Silicon	1890 tonnes ore
05	Ferro Silico Chrome	2790 tonnes
06	Ferro Manganese Slag (by-product)	4180 tonnes
07		
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- 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 Soak 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 1 in page 03.

(Member Secretary/Chief Engr./Sr. Env. Engr./Env. Engr./Asst. Env. Engr.)  
 08/09/23



(4)

Consent to M/s Eloquent Steel Private Limited  
 for its unit at vill- Nakrajoria, PO & PS- Salampur 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									

*[Signature]*  
08/05/23

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



ST P

Consent to <sup>(5)</sup> M/s Eloquent Steel Private Limited  
 for its unit at vill- Nakrajoria, PO & PS- Salampur, 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		2 X 250 KVA DG Set
02			
03			
04			
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16. The Applicant shall maintain the generation and treatment/disposal of non-hazardous solid waste as specified below :- plz ref to Annexure -

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 <sup>10</sup> 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. Engr. / Env. Engr. / Asst. Env. Engr.)

Consent to M/s Eloquent Steel Private Limited  
 for its unit at vill- Nakraporia, 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 Application shall furnish to the State Board all information in respect of quality, quantity, rate of discharge, place of discharge of liquid effluent and air emissions.
31. The Applicant shall maintain adequate number of qualified and trained personnel among his staff for proper maintenance and operation of the effluent treatment and / or emission control devices and for overall environment management of the industry.
32. The Applicant shall have to make registration for the use of groundwater if any, with Central Ground Water Authority.
33. The Applicant shall intimate to the State Board immediately of any occurrence or apprehension of occurrence of discharge of any poisonous, noxious or pollutants in excess of quality as well as quality as mentioned earlier to any receiving water body/receiving system or to atmosphere owing to accident or other unforeseen incident/event including natural disaster. The Applicant shall (i) take all steps adequate to prevent such accident discharge/release of poisonous, noxious or pollutants and to limit their consequences to persons and the environment, (ii) provide to the persons working on the site with the information, training and equipment including antidotes necessary to ensure their safety and mitigate the accidental release of poisonous noxious or pollutants to the environment.
34. The Applicant shall make an application to the State Board in the prescribed form for renewal of the consent at least 60 (sixty) days before the date of expiry of this Consent.
35. The Applicant shall not make any alternation/modification/expansion in the existing manufacturing process and equipment as well as the pollution control system without prior approval of the Board.
36. The Applicant shall comply with the conditions as laid down in the Manufacture, Storage and Import of hazardous Chemicals Rules, 1989 and Hazardous Wastes (Management & Handling) Rules, 1989.

#### Additional Conditions

1. This consent letter may be revoked at any time on ground of valid public concern against your unit with environmental board caused by your plant.
2. Chrome one 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.)

08/05/23

## Annexure I

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

Type of Waste	Quantity (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

# WEST BENGAL POLLUTION CONTROL BOARD

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



apply for renewal of  
consent 60 (Sixty) days  
before expiry

Consent Letter Number : CO 110/29

Memo Number : 1530 - WPCB/Regd (Bsm)/cont (SI)/07

Date : 28/06/18

## 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 Pvt Ltd. (Formerly known as M/s Impex Steel Ltd.)  
(Address of Regd. office/Head/Office/City Office)

(hereinafter referred to as Applicant) for its unit located at Vill - Nakrajoria  
P.O. + P.S. - Salanpur, Dist - Paschim Bardhaman

(Detailed address of the manufacturing unit)

for a period from up to 30.06.2023

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.)

28/06/18

## ANNEXURE

Consent to M/s. Eloquent Steel Pvt. Ltd. (Formerly known as M/s. Impex Steel Ltd.)  
 for its unit at Vill. - Nakrajaria  
P.O. + P.S. - Salanpur, Dist. - Paschim Bardhaman

**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	2625 MT
02	Silico Manganese	1875 MT
03	M.S. Ingot	4417 MT
04		
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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 ..... 04 ..... KL.
05. Daily discharge of mixed (industrial & domestic) liquid effluent shall not exceed ..... KL.
06. The Applicant shall discharge liquid effluent to Soak pit (place of discharge) through 01 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.....

Consent to M/s Eloquent Steel Pvt Ltd (Formerly known as M/s Iron Steel Ltd.)  
 for its unit at Vill. - Nakrajonia  
P.O. + P.S. - Salanpur, Dist. - Paschim Bardhaman

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	35	02 Nos. SEAF (2x7.5 MVA)	—	—	150	—	—	—	—	Half yearly
S-2	30	02 Nos. Induction Furnace (2x7MT/charge)	—	—	150	—	—	—	—	Yearly
S-3	7	D.G. Set 250 KVA	—	—	150	1	—	—	—	-Do-
S-4										
S-5										
S-6										
S-7										
S-8										
S-9										
S-10										

*[Signature]*  
 28/06/18

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

Continued.....



Consent to <sup>(5)</sup> M/s. Eloquent Steel Pvt Ltd. (Formerly known as M/s Im Steel Ltd) Vill. - Nakrajoria  
 for its unit at P.O. + P.S. - Salanpur, Dist. - Paschim Bardhaman.

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

Sl. No	Type of fuel	Quantity consumed per day	Fuel burning operation where the fuel is used
01			
02			
03			
04			
05			

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

Type of waste	Quantity	Treatment	Disposal
Fe-Mn Slag	250 MT/month	—	Recycled
Sl-Mn Slag	1400 MT/month	—	Road Development

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.)	65
Night Time (09 p.m. to 06 a.m.)	55

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

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

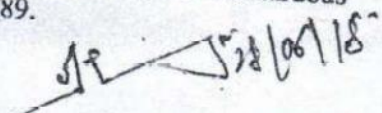
Continued.....



Consent to M/s Bloquent Steel Pvt Ltd. (Formerly known as  
m/s Impex Steel Ltd.) Vill. - Nakrajaria  
 for its unit at P.O. + P.S. - Salanpur, Dist. - Paschim Bardhaman

24. The Applicant shall maintain a separate register showing consumption of chemicals used in pollution control systems.
25. The Applicant shall get the samples of hazardous wastes/leachates analysed at least once in ..... from the laboratory recognised of the West Bengal Pollution Control Board and ensure that they conform to the limits stipulated. Test reports shall be sent to the Board.
26. The Applicant shall provide adequate and safe facility for collection of air, waste water and solid waste samples by the State Board's staff as well as State Board's authorised agencies.
27. The Applicant shall submit to the State Board by the 30th September of every year the Environmental Statement Report for the financial year ending 31st March of the current year in the prescribed form (Form -V) as required under the provisions of rule 14 of the Environment (Protection) [Second Amendment] rules, 1992.
28. The Applicant shall allow the Officers of the State Board to enter into the applicant's premises at any reasonable time to inspect the pollution control systems as well as monitoring and measuring devices in connection with prevention & control of pollution.
29. The Applicant shall maintain an Inspection Book in the factory premises which shall be made available to Officers & employees of the State Board for inspection, review and to write down any direction or observation as is deemed necessary during the inspection from time to time.
30. The Application shall furnish to the State Board all information in respect of quality, quantity, rate of discharge, place of discharge of liquid effluent and air emissions.
31. The Applicant shall maintain adequate number of qualified and trained personnel among his staff for proper maintenance and operation of the effluent treatment and / or emission control devices and for overall environment management of the industry.
32. The Applicant shall have to make registration for the use of groundwater if any, with Central Ground Water Authority.
33. The Applicant shall intimate to the State Board immediately of any occurrence or apprehension of occurrence of discharge of any poisonous, noxious or pollutants in excess of quality as well as quality as mentioned earlier to any receiving water body/receiving system or to atmosphere owing to accident or other unforeseen incident/event including natural disaster. The Applicant shall (i) take all steps adequate to prevent such accident discharge/release of poisonous, noxious or pollutants and to limit their consequences to persons and the environment, (ii) provide to the persons working on the site with the information, training and equipment including antidotes necessary to ensure their safety and mitigate the accidental release of poisonous noxious or pollutants to the environment.
34. The Applicant shall make an application to the State Board in the prescribed form for renewal of the consent at least 60 (sixty) days before the date of expiry of this Consent.
5. 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.
5. The Applicant shall comply with the conditions as laid down in the Manufacture, Storage and Import of hazardous Chemicals Rules, 1989 and Hazardous Wastes (Management & Handling) Rules, 1989.

Additional Conditions

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



## WEST BENGAL POLLUTION CONTROL BOARD

Asansol Regional Office  
ADDA Commercial Market, 2<sup>nd</sup> Floor,  
Opp. Asansol Fire Station, G. T. Road,  
Asansol, Paschim Bardhaman - 713 301  
☎ : 091 (0341) 2305407/8,  
🌐 : [www.wbpcb.gov.in](http://www.wbpcb.gov.in)

Memo No. 389 - WPBA/Red (Bwn)/Cont (591)/08

Date 26/08/2020.

To  
M/s. Eloquent Steel Private Limited  
(Formerly M/s. Impex Steel Ltd & M/s. Hira Concast Ltd.)  
VIII - Nakrajoria, P.O. & P.S. Salanpur, Dist - Paschim Bardhaman.  
Pin - 713357

Sub: Amendment of 'Consent to Operate' Regarding

Reference:

- Your application for amendment of 'Consent to Operate' dated 08.06.2020.
- Letter issued by the State Board for "No Increase In Pollution Load" Vide Memo No. 124-2N-29/2019(E) PT dated 05.03.2020.
- 'Consent to Operate' issued vide Memo No. 1534-WPBA/Red (Bwn)/Cont(591)/08 dated 28.06.2018 (CO110122).
- 'Consent to Operate' issued vide Memo No. 1530-WPBA/Red (Bwn)/Cont(581)/07 dated 28.06.2018 (CO110124).

Sir,

With reference to as stated above, 'Consent to Operate' for manufacturing Ferro Silicon, High Carbon Ferro Chrome and Ferro Silico Chrome along with Ferro Manganese and Silico Manganese in your existing 04(Four) nos. Sub Merged Electric Arc Furnaces of capacity 3 x 7.5 MVA and 1 x 5.5 MVA are hereby amended, subjected to the conditions as mentioned below:


- Combined capacity of manufacturing Ferro Silicon, High Carbon Ferro Chrome and Ferro Silico Chrome along with Ferro Manganese and Silico Manganese must be within sanctioned capacity i.e. 4921 Ton/month. The major product and permissible production capacity is given below:

Sl No.	Name of major Product	Production capacity as per CTO Nos. CO110122 & CO110124	Production capacity amended as
1	Ferro Manganese	4921 Ton / month OR	4921 Ton / month OR
2	Silico Manganese	3603 Ton / month OR	3603 Ton / month OR
3	Ferro Silicon	Nil	1890 Ton / month OR
4	High Carbon Ferro Chrome	Nil	4921 Ton / month OR
5	Ferro Silico Chrome	Nil	2790 Ton / month
6	M.S.Ingot	8834 Ton/month	8834 Ton/month

- No additional machinery including Chrome Recovery Plant to be installed without prior permission from State Board.
- Chrome ore must be stored in a secured place.
- Precautionary measures should be taken to avoid contamination of water and other environmental hazards from Chromium.
- Chrome Slag must be stored in a secured place and processed in a Chrome Recovery Plant. After chrome recovery from Ferro Chrome Slag, slag dust must be utilized for brick manufacturing (as proposed).

All other conditions mentioned in the 'Consent to Operate' will remain unchanged.

This letter may be considered as an annexure to 'Consent to Operate' issued vide Memo No. 1534-WPBA/Red (Bwn)/Cont(591)/08 dated 28.06.2018 (CO110122) & vide Memo No. 1530-WPBA/Red (Bwn)/Cont(581)/07 dated 28.06.2018 (CO110124).

  
Senior Environmental Engineer  
Asansol Regional Office.

# Annexure – 8A



# ENVIROCHECK

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## 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/424/M/N/I/22-23

Sampling Locations :	Nakrajoria Village	Date of Study :	21.02.2023
Category :	Ferro Alloy and SMS Unit	Day time :	6 AM to 10 PM

Time (hrs.)	L <sub>min</sub>	L <sub>max</sub>	L <sub>eq</sub>	Day time L <sub>eq</sub>
6:00 AM to 7:00 AM	46.2	52.4	50.32	53.67
7:00 AM to 8:00 AM	46.7	52.9	50.82	
8:00 AM to 9:00 AM	47.3	53.9	51.75	
9:00 AM to 10:00 AM	48.4	52.7	51.06	
10:00 AM to 11:00 AM	49.1	53.4	51.76	
11:00 AM to 12:00 PM	52.6	56.8	55.19	
12:00 PM to 1:00 PM	54.6	59.4	57.63	
1:00 PM to 2:00 PM	53.5	58.1	56.38	
2:00 PM to 3:00 PM	50.7	53.9	52.59	
3:00 PM to 4:00 PM	51.7	55.8	53.22	
4:00 PM to 5:00 PM	50.8	54.6	52.10	
5:00 PM to 6:00 PM	52.6	55.3	54.16	
6:00 PM to 7:00 PM	53.9	55.6	54.83	
7:00 PM to 8:00 PM	50.2	56.1	54.08	
8:00 PM to 9:00 PM	50.0	55.3	53.41	
9:00 PM to 10:00 PM	49.4	52.5	51.22	

Date of Study :	21.02.2023 to 22.02.2023	Night time :	10 PM to 6 AM
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Time(hrs.)	L <sub>min</sub>	L <sub>max</sub>	L <sub>eq</sub>	Night time L <sub>eq</sub>
10:00 PM to 11:00 PM	45.3	49.1	47.60	44.58
11:00 PM to 12:00 AM	44.1	46.4	45.40	
12:00 AM to 1:00 AM	43.5	45.9	44.86	
1:00 AM to 2:00 AM	39.4	42.5	41.22	
2:00 AM to 3:00 AM	39.0	41.7	40.56	
3:00 AM to 4:00 AM	38.4	40.8	39.76	
4:00 AM to 5:00 AM	41.8	44.6	43.42	
5:00 AM to 6:00 AM	43.7	48.9	47.04	

L<sub>min</sub> : Minimum Noise level

L<sub>max</sub> :Maximum Noise level

L<sub>eq</sub> :Equivalent sound energy

Compiled by : (Signature)  
Dr. Ajoy Paul

Envirocheck Seal  
Date : 25.02.2023

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



H.O. : 63/B, Rastraguru Avenue, Kolkata - 700028 ( 033-25792891/25497490, Fax : 033-25299141  
Laboratory : 189,190&192 Rastraguru Avenue, Kolkata - 700028 ( 033-25792889  
Email : envcheck@cal2.vsnl.net.in/envirocheck50@gmail.com / Website : www.envirocheck.org  
Branch Office : \* Siliguri \* Haldia \* Durgapur \* Dhanbad \* Gangtok \* Port Blair \* Dehradun \* New Delhi  
Overseas : \* UAE \* Qatar \* Netherlands



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



## NOISE MONITORING REPORT

Eloquent Steel Pvt. Ltd.

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

**MONITORED BY :**

ENVIROCHECK  
189, Rastraguru Avenue,  
Calcutta - 700 028

Report No : ENV/424/M/N/II/22-23

Sampling Locations :	Near Main Gate	Date of Study :	21.02.2023
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	66.5	68.3	67.49	66.80
7:00 AM to 8:00 AM	65.2	69.5	67.86	
8:00 AM to 9:00 AM	68.3	70.1	69.29	
9:00 AM to 10:00 AM	67.4	71.3	69.77	
10:00 AM to 11:00 AM	66.3	69.4	68.12	
11:00 AM to 12:00 PM	64.2	66.4	65.44	
12:00 PM to 1:00 PM	64.7	72.1	69.82	
1:00 PM to 2:00 PM	64.9	68.6	65.96	
2:00 PM to 3:00 PM	63.9	70.8	65.15	
3:00 PM to 4:00 PM	60.2	65.6	63.50	
4:00 PM to 5:00 PM	64.1	67.9	65.78	
5:00 PM to 6:00 PM	60.7	68.1	66.89	
6:00 PM to 7:00 PM	60.7	65.7	64.15	
7:00 PM to 8:00 PM	62.3	64.7	63.66	
8:00 PM to 9:00 PM	61.9	65.1	63.79	
9:00 PM to 10:00 PM	61.2	63.7	62.63	

Date of Study :	21.02.2023 to 22.02.2023	Night time :	10 PM to 6 AM
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Time(hrs.)	$L_{min}$	$L_{max}$	$L_{eq}$	Night time $L_{eq}$
10:00 PM to 11:00 PM	55.1	61.2	59.14	58.51
11:00 PM to 12:00 AM	54.7	62.5	60.16	
12:00 AM to 1:00 AM	50.3	60.8	58.16	
1:00 AM to 2:00 AM	50.6	60.3	57.73	
2:00 AM to 3:00 AM	52.9	57.3	55.63	
3:00 AM to 4:00 AM	53.2	58.1	56.31	
4:00 AM to 5:00 AM	54.9	60.3	58.39	
5:00 AM to 6:00 AM	59.2	61.3	60.38	

$L_{min}$  : Minimum Noise level

$L_{max}$  :Maximum Noise level

$L_{eq}$  :Equivalent sound energy

Compiled by : (Signature)  
Dr. Ajoy Paul

Envirocheck Seal  
Date : 25.02.2023

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



H.O. : 63/B, Rastraguru Avenue, Kolkata - 700028 { 033-25792891/25497490, Fax : 033-25299141  
Laboratory : 189,190&192 Rastraguru Avenue, Kolkata - 700028 { 033-25792889  
Email : envcheck@cal2.vsnl.net.in/envirocheck50@gmail.com / Website : www.envirocheck.org  
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## 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/424/M/N/III/22-23

Sampling Locations :	Near RWH Pond	Date of Study :	21.02.2023
Category :	Ferro Alloy and SMS Unit	Day time :	6 AM to 10 PM

Time (hrs.)	L <sub>min</sub>	L <sub>max</sub>	L <sub>eq</sub>	Day time L <sub>eq</sub>
6:00 AM to 7:00 AM	65.4	68.2	67.02	70.25
7:00 AM to 8:00 AM	63.8	67.9	66.32	
8:00 AM to 9:00 AM	68.5	70.0	69.31	
9:00 AM to 10:00 AM	69.4	72.8	71.42	
10:00 AM to 11:00 AM	70.5	78.9	76.48	
11:00 AM to 12:00 PM	71.4	79.2	76.86	
12:00 PM to 1:00 PM	67.5	71.6	69.50	
1:00 PM to 2:00 PM	68.6	70.1	68.61	
2:00 PM to 3:00 PM	62.3	65.7	64.32	
3:00 PM to 4:00 PM	64.5	66.8	65.80	
4:00 PM to 5:00 PM	63.9	65.2	64.60	
5:00 PM to 6:00 PM	64.2	66.8	65.69	
6:00 PM to 7:00 PM	63.5	70.2	68.03	
7:00 PM to 8:00 PM	62.9	68.3	66.39	
8:00 PM to 9:00 PM	63.7	65.4	64.63	
9:00 PM to 10:00 PM	61.4	63.2	62.39	

Date of Study :	21.02.2023 to 22.02.2023	Night time :	10 PM to 6 AM
-----------------	--------------------------	--------------	---------------

Time(hrs.)	L <sub>min</sub>	L <sub>max</sub>	L <sub>eq</sub>	Night time L <sub>eq</sub>
10:00 PM to 11:00 PM	59.4	62.6	61.29	60.44
11:00 PM to 12:00 AM	58.1	61.8	60.33	
12:00 AM to 1:00 AM	57.5	60.4	59.19	
1:00 AM to 2:00 AM	55.2	59.1	58.54	
2:00 AM to 3:00 AM	57.4	60.8	59.42	
3:00 AM to 4:00 AM	58.2	61.4	60.09	
4:00 AM to 5:00 AM	59.2	62.5	61.16	
5:00 AM to 6:00 AM	60.5	63.5	62.25	

L<sub>min</sub> : Minimum Noise level

L<sub>max</sub> :Maximum Noise level

L<sub>eq</sub> :Equivalent sound energy

Compiled by : (Signature)  
Dr. Ajoy Paul

Envirocheck Seal  
Date : 25.02.2023



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

H.O. : 63/B, Rastraguru Avenue, Kolkata - 700028 ( 033-25792891/25497490, Fax : 033-25299141  
Laboratory : 189,190&192 Rastraguru Avenue, Kolkata - 700028 ( 033-25792889  
Email : envcheck@cal2.vsnl.net.in/envirocheck50@gmail.com / Website : www.envirocheck.org  
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## 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/424/M/N/IV/22-23

Sampling Locations :	Dendua Village	Date of Study :	21.02.2023
Category :	Ferro Alloy and SMS Unit	Day time :	6 AM to 10 PM

Time (hrs.)	L <sub>min</sub>	L <sub>max</sub>	L <sub>eq</sub>	Day time L <sub>eq</sub>
6:00 AM to 7:00 AM	49.9	51.6	50.83	48.44
7:00 AM to 8:00 AM	48.6	51.2	50.09	
8:00 AM to 9:00 AM	48.4	51.0	49.89	
9:00 AM to 10:00 AM	45.2	50.6	48.69	
10:00 AM to 11:00 AM	40.2	43.8	42.36	
11:00 AM to 12:00 PM	45.3	51.4	49.34	
12:00 PM to 1:00 PM	41.5	49.9	47.48	
1:00 PM to 2:00 PM	43.8	52.4	49.95	
2:00 PM to 3:00 PM	44.6	53.4	50.93	
3:00 PM to 4:00 PM	48.2	54.5	52.40	
4:00 PM to 5:00 PM	42.9	50.3	48.02	
5:00 PM to 6:00 PM	41.4	49.8	47.38	
6:00 PM to 7:00 PM	40.1	42.9	41.72	
7:00 PM to 8:00 PM	40.0	42.5	41.43	
8:00 PM to 9:00 PM	39.4	41.8	40.76	
9:00 PM to 10:00 PM	39.2	40.1	39.67	

Date of Study :	21.02.2023 to 22.02.2023	Night time :	10 PM to 6 AM
-----------------	--------------------------	--------------	---------------

Time (hrs.)	L <sub>min</sub>	L <sub>max</sub>	L <sub>eq</sub>	Night time L <sub>eq</sub>
10:00 PM to 11:00 PM	41.5	49.9	47.48	44.24
11:00 PM to 12:00 AM	40.1	42.9	41.72	
12:00 AM to 1:00 AM	39.2	41.6	40.56	
1:00 AM to 2:00 AM	36.1	40.4	38.76	
2:00 AM to 3:00 AM	34.2	38.4	36.79	
3:00 AM to 4:00 AM	40.8	43.9	42.62	
4:00 AM to 5:00 AM	42.8	46.9	45.32	
5:00 AM to 6:00 AM	43.2	50.4	48.15	

L<sub>min</sub> : Minimum Noise level

L<sub>eq</sub> : Equivalent sound energy

Compiled by : (Signature)  
Dr. Ajoy Paul

Envirocheck Seal  
Date : 25.02.2023



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

H.O. : 63/B, Rastraguru Avenue, Kolkata - 700028 ( 033-25792891/25497490, Fax : 033-25299141  
Laboratory : 189,190&192 Rastraguru Avenue, Kolkata - 700028 ( 033-25792889  
Email : envcheck@cal2.vsnl.net.in/envirocheck50@gmail.com / Website : www.envirocheck.org  
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# Annexure – 8B





# ENVIROCHECK

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Certified by ISO 9001:2008, ISO 14001 : 2015 & OHSAS 18001:2007



FORMAT NO. : ENV/FM/53

## TEST REPORT

1.	Name of the Industry / Project	: Eloquent Steel Pvt. Ltd.
2.	Address	: Vill. - Nakrajoria, P.O + P.S - Salanpur, District - Paschim Burdwan
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/424/M/N/1/22-23
8.	Date of Study	: 21/02/2023
9.	Reporting Date	: 25/02/2023
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. Sujoy Dasgupta

### RESULT OF NOISE LEVEL STUDY

Time : 10:00 - 10:20A.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)	70.2	72.8	71.69	East Side
02.	dB(A)	61.5	70.0	67.56	West Side
03.	dB(A)	68.4	73.5	71.66	North Side
04.	dB(A)	66.5	72.2	70.22	South Side
Average dB(A) Leq				70.28	

Reviewed By:

Dy. Quality Manager

Approved By:

Quality Manager

>End of Report<



# ENVIROCHECK

Recognised by MoEF&CC, WBPCB, JSPCB & OSPCB  
Accredited by NABL (ISO/IEC 17025:2005)  
Certified by ISO 9001:2008, ISO 14001 : 2015 & OHSAS 18001:2007



Certificate No. TC-6014

FORMAT NO. : ENV/FM/53

## TEST REPORT

1.	Name of the Industry / Project	: Eloquent Steel Pvt. Ltd.
2.	Address	: Vill. - Nakrajoria, P.O + P.S - Salanpur, District - Paschim Burdwan
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/424/M/N/II/22-23
8.	Date of Study	: 21/02/2023
9.	Reporting Date	: 25/02/2023
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. Sujoy Dasgupta

### RESULT OF NOISE LEVEL STUDY

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

#### DAY TIME

2. Location : Near SAF Floor

Sl. No.	Unit	Minimum dB(A)	Maximum dB(A)	Leq dB(A)	Remarks
01.	dB(A)	70.8	79.4	76.95	East Side
02.	dB(A)	73.5	78.9	76.99	West Side
03.	dB(A)	68.4	72.6	70.99	North Side
04.	dB(A)	71.8	73.4	72.67	South Side
Average dB(A) Leq				74.40	

Reviewed By:

Dy. Quality Manager

Approved By:

Quality Manager

>End of Report<



# ENVIROCHECK

Recognised by MoEF&CC, WBPCB, JSPCB & OSPCB  
Accredited by NABL (ISO/IEC 17025:2005)  
Certified by ISO 9001:2008, ISO 14001 : 2015 & OHSAS 18001:2007



FORMAT NO. : ENV/FM/53

## TEST REPORT

1.	Name of the Industry / Project	: Eloquent Steel Pvt. Ltd.
2.	Address	: Vill. - Nakrajoria, P.O + P.S - Salanpur, District - Paschim Burdwan
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/424/M/N/III/22-23
8.	Date of Study	: 21/02/2023
9.	Reporting Date	: 25/02/2023
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. Sujoy Dasgupta

### RESULT OF NOISE LEVEL STUDY

Time : 11:00 - 11:20A.M

### DAY TIME

### 3. Location : Near MRP

Sl. No.	Unit	Minimum dB(A)	Maximum dB(A)	Leq dB(A)	Remarks
01.	dB(A)	70.5	72.6	71.68	East Side
02.	dB(A)	69.2	70.8	70.07	West Side
03.	dB(A)	72.6	77.2	75.48	North Side
04.	dB(A)	71.8	74.9	73.62	South Side
Average dB(A) Leq				72.71	

Reviewed By:

Dy. Quality Manager

Approved By:

Quality Manager

>End of Report<



# ENVIROCHECK

Recognised by MoEF&CC, WBPCB, JSPCB & OSPCB  
Accredited by NABL (ISO/IEC 17025:2005)  
Certified by ISO 9001:2008, ISO 14001 : 2015 & OHSAS 18001:2007



Certificate No. TC-6014

FORMAT NO. : ENV/FM/53

## TEST REPORT

1.	Name of the Industry / Project	:	Eloquent Steel Pvt. Ltd.
2.	Address	:	Vill. - Nakrajoria, P.O + P.S - Salanpur, District - Paschim Burdwan
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/424/M/N/IV/22-23
8.	Date of Study	:	21/02/2023
9.	Reporting Date	:	25/02/2023
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. Sujoy Dasgupta

### RESULT OF NOISE LEVEL STUDY

Time :11:30 - 11:50A.M

#### DAY TIME

#### 4. Location : Near SMS Floor

Sl. No.	Unit	Minimum dB(A)	Maximum dB(A)	Leq dB(A)	Remarks
01.	dB(A)	68.5	72.8	71.16	East Side
02.	dB(A)	67.2	71.3	69.72	West Side
03.	dB(A)	70.4	74.6	72.99	North Side
04.	dB(A)	72.5	75.9	74.52	South Side
Average dB(A) Leq				72.09	

Reviewed By:

Approved By:

  
Dy. Quality Manager

  
Quality Manager

>End of Report<

# Annexure – 9

**ELOQUENT STEEL PRIVATE LIMITED**  
 (Formerly M/s Hira Concast Ltd. & M/s Impex Steel Ltd.)  
 NAKRAJORA, PO. & PS. SALANPUR, DIST. WEST BURDWAN, WEST BENGAL, PIN-713357  
 Health checkup details of Employees

Sl. No.	Name of the Employees	Father's name	Designation	AGE	Weight	PR	BP	CBG	CBC (NORMAL/ AB-NORMAL)	Blood Group	RH Factor	ECG	X-RAY	Audiometry	Eye Vision (Distance)	Eye Vision (Near)	Colour Vision	Dental	Pulmonary Function Test	Remarks
1	SANJIV TIWARI	SURYA DEO TIWARI	GENERAL MANAGER	62	76.00	95	120/80	110	WMR	O+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD
2	MACHAN BHANDARI	RATAN BHANDARI	ELECTRICIAN	41	60.00	98	130/80	122	WMR	B+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD
3	MANABENDRA NAYAK	DILIP NAYAK	HELPER	32	76.00	97	140/90	115	WMR	B+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD
4	RANJAN KR BEHRA	LATE MADHUBANHU BEHERA	PLUMBER	54	63.00	67	150/80	116	WMR	O+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD
5	MANORANJAN SWAIN	KHAGESWAR SWAIN	SUPERVISOR-RAW MATERIAL	43	58.00	90	130/90	118	WMR	A+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD
6	JAYKUMAR SINGH	LORIK SINGH	WELDER	40	76.00	94	130/70	120	WMR	B+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD
7	LAKSHMI KANTA MONDAL	NISHITH MONDAL	WELDER	45	76.00	130	130/90	130	WMR	A+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD
8	T N PATRA	GENERAL MANAGER	GENERAL MANAGER	30	77.00	105	140/90	135	WMR	O+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD
9	MD NAUSHAD	MD MOIN	FITTER	38	60.00	85	120/70	125	WMR	B+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD
10	KANCHAN PAUL	BADAL PAUL	FOREMAN	55	75.00	86	130/70	120	WMR	B+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD
11	RAJESH	JOGENDRA	ASSISTANT MANAGER	51	53.00	113	140/50	125	WMR	O+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD
12	DEEPA BHADUR	BISHNU BHADUR	HELPER	39	60.00	71	110/80	120	WMR	B+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD
13	ABHISHEK MONDAL	BIMAL MONDAL	WELDER	22	53.00	78	120/80	115	WMR	O+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD
14	MD KHURSID	MD RAFIQUE KHAN	FITTER	38	55.00	89	140/80	120	WMR	O+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD
15	PREMNATH SARKAR	BHOJA SARKAR	WELDER	40	59.00	70	110/80	130	WMR	B+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD
16	MITTAJ ANSARI	WASID ANSARI	WELDER	46	55.00	82	105/60	130	WMR	B+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD
17	PANEHANAN MALIK	SUNIL MALICK	WELDER	30	55.00	88	140/80	135	WMR	A+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD
18	ARUN PAUL	NARAYAN PAL	SENIOR OFFICER	27	89.00	123	130/70	125	WMR	B+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD
19	UTTAM GHOSH	MANIK GHOSH	METAL YARD SUPERVISOR	44	66.00	103	140/50	120	WMR	O+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD
20	ANANTA CHOWDHURY	PRAASHANTA CHOWDHURY	METAL YARD SUPERVISOR	40	69.00	96	110/70	125	WMR	B+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD
21	TAPAS NATH	UJJAL NATH	WELDER	34	65.00	93	120/60	115	WMR	A+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD
22	PARITOSH SADIHU	SHAKTIPADA SADIHU	FITTER	29	64.00	83	130/80	120	WMR	B-	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD
23	SUJIT KR ROY	LT JOGESH CHANDRA ROY	MIS ASSISTANT	37	65.00	75	110/70	130	WMR	A+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD
24	AKASH KR SINGH	KAUSHAL KISHOR SINGH	TRAINEE	35	71.00	97	120/70	125	WMR	B+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD
25	VISHAL KR SHARMA	NATWAR LAL SHARMA	EXECUTIVE	22	81.00	97	120/80	120	WMR	B+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD
26	BIPADHARAN MONDAL	TARUN MONDAL	ASSISTANT	28	52.00	85	120/70	125	WMR	O+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD
27	SANJIV KR SINGH	UMESH CHANDRA SINGH	SENIOR EXECUTIVE	35	73.00	116	140/90	120	WMR	B+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD
28	RABINDRANATH MONDAL	LAKHI KANTA MONDAL	EXECUTIVE	47	67.00	78	130/70	125	WMR	A+	POSITIVE	LVH	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD
29	MANJU THAKUR	MAHADEV THAKUR	FITTER	38	59.00	58	120/80	110	WMR	B+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD
30	BINOD SHANKAR	RAJ BALISONKAR	FITTER	33	65.00	79	160/90	130	WMR	AB+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD
31	FALGUNI MUKHERJEE	LATE BASUDEB MUKHERJEE	MRP INCHARGE	45	70.00	86	130/80	135	WMR	AB+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD
32	KOUSHIK GHOSH	ASOK GHOSH	SHIFT INCHARGE	42	74.00	76	120/80	140	WMR	AB+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD
33	MD ASLAM KHAN	MD IBRAH	MECHANIC	29	86.00	56	120/80	120	WMR	B+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD
34	SATYAJIT GHOSH	SWAPAN KUMAR GHOSH	CONTROL ROOM OPERATOR	30	52.00	78	110/70	130	WMR	B+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD
35	BABLU PAUL	NEMAI PAUL	FORKLIFT OPERATOR	28	70.00	80	125/70	130	WMR	O+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD
36	DILIP KR PRADHAN	UDAYA PRADHAN	TECHNICIAN	35	71.00	90	110/70	140	WMR	A-	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD
37	SATYANARAYAN MODI	JIBAN MODI	CRAN OPERATOR	28	70.00	90	120/80	125	WMR	AB+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD
38	BRINDABAN PAUL	DHRANDRANATH PAUL	CRAN OPERATOR	40	75.00	98	140/90	130	WMR	O+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD
39	KALYAN SHARMA	LATE MOHAN LAL SHARMA	SUPERVISOR	57	84.00	55	140/90	140	WMR	AB+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD
40	ERIJESH SHARMA	RAVI SHARMA	OFFICER	31	72.00	83	120/70	140	WMR	AB-	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD


  
 Doctor's Signature: *[Signature]*  
 Resignation Number: \_\_\_\_\_  
 Seal & Date of the Medical Organization: \_\_\_\_\_

Signature of Doctor

Date: 12.03.2022 (Saturday)

# ELOQUENT STEEL PRIVATE LIMITED

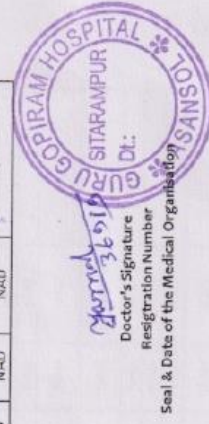
(Formerly M/s Hira Concast Ltd. & M/s Impex Steel Ltd.)

NAKRAJORIA, P.O. & P.S. SALANPUR, DIST. WEST BURDWAN, WEST BENGAL, PIN-713357

## Health checkup details of Employees

12-03-2022 (Saturday)

Name of the Employees	Father's name	Designation	AGE	Weight	PR	BP	CBG	CBC (NORMAL / AB-NORMAL)	Blood Group	RH factor	ECG	X-RAY	Audiometry	Eye Vision (Distance)	Eye Vision(Near)	Colour Vision	Dental	Pulmonary Function Test	Remarks
KULDEEP ROY	MANMOHAN RAY	ASSISTANT MANAGER	38	69.00	89	130/70	125	W/MR	B+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	
SK NUR ALAM	SK RAMLIAN	DRIVER	32	58.00	98	110/70	130	W/MR	B+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	
ANAND KR MAHATO	DHIRENDRA MAHTO	FITTER	30	63.00	72	130/70	135	W/MR	B+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	
MANDAL MONDAL	PRANLAD MONDAL	FITTER	30	60.00	100	120/80	140	W/MR	B+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	
JAMES MEHTA	JOSAF MEHTA	BUFFER OPERATOR	45	66.00	102	110/80	140	W/MR	A+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	
BINOD PATEL	SHIV KUMAR PATEL	TAPPER	35	71.00	85	140/80	135	W/MR	AB+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	
PANKAJ KUMAR	BIJAY SINGH	CHEMIST	49	74.00	89	130/90	130	W/MR	A+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	
GOPAL YADAV	LT GAJJI YADAV	EXECUTIVE	45	73.00	100	120/70	135	W/MR	A+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	
ANUP KR MONDAL	BISHNUPADIA MONDAL	HELPER	40	52.00	110	130/80	140	W/MR	B+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	
ANIL HANSDA	SHAMBHU HANSDA	ASSISTANT	29	53.00	86	120/80	130	W/MR	B+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	
HARENDRANATH MARANDI	NAREN MARANDI	DRIVER	30	65.00	67	120/70	135	W/MR	B+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	
PRAMOD SHARMA	PARAS SHARMA	EXECUTIVE	42	51.00	96	130/70	140	W/MR	O-	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	
PRAVAKAR SINGH	LAL BABU SINGH	SENIOR MANAGER	44	73.00	89	130/80	145	W/MR	B+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	
R S SINGH	RAM NANDAN SINGH	GENERAL MANAGER	56	70.00	86	160/70	125	W/MR	A+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	
PARAJIT SINGH	GURDEO SINGH	SENIOR MANAGER	41	76.00	66	160/90	135	W/MR	O+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	
SAJAY KR CHOWDHURY		DIRECTOR	55	72.00	112	167/70	130	W/MR		POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	
AKASH KR RAJAK	AJAY RAJAK	CONTROL ROOM OPERATOR	25	61.00	84	110/60	135	W/MR	B+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	
SANTOSH MONDAL	RAJKUMAR MONDAL	JCB OPERATOR	31	63.00	82	110/70	145	W/MR	A+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	
BIKASH SAUDAI	SADHU BALMIKI	ELECTRICIAN	30	82.00	79	110/60	140	W/MR	B+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	
SOURAY MONDAL	GANESH MONDAL	HELPER	27	54.00	99	140/90	130	W/MR	B+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	
MADHAV ROY	SITARAM ROY	PLUMBER	38	68.00	72	100/60	135	W/MR	B+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	
CHANCHAL KUNDU	UJJWAL KUMAR KUNDU	ASSISTANT MANAGER	36	70.00	81	120/70	130	W/MR	B+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	
ARUN KR JHA	SHUBHILAL JHA	SUPERVISOR	49	67.00	85	130/70	140	W/MR	B+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	
PARTHA DAS	SANTOSH DAS	HELPER	36	70.00	106	110/80	155	W/MR	B+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	
ABHJIT GHOSH		SENIOR MANAGER	48	72.00	114	120/80	150	W/MR	A+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	
SHASTI DUTTA	GOLAK NATH DUTTA	SUPERVISOR	52	68.00	81	150/80	130	W/MR	B+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	
KANKAN BHOSWMIK	CHITTARANJAN BHOSMIK	SAFETY OFFICER	29	70.00	95	120/80	125	W/MR	B+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	
MUNNA HELA	HOSENI HELA	SUPERVISOR-RAW MATERIAL	34	85.00	106	120/70	135	W/MR	AB+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	
RAMNARAYAN KESHRI	JOKHAN PRASAD KESHRI	EXECUTIVE	34	56.00	81	110/70	130	W/MR	B+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	
PAHUL KR SINGH	ANIRJUDHA SINGH	ENGINEER	28	88.00	79	120/80	145	W/MR	O+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	
NISHIT LAYEK	RANJIT LAYEK	BATCH OPERATOR	32	70.00	90	120/80	140	W/MR	AB+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	
ABHAY KR SRIVASTAY	BIROD PRASAD SRIVASTAVA	MANAGER	36	80.00	100	130/70	145	W/MR	O+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	
SUSANTA MONDAL	SWADHIN MONDAL	CHEMIST	35	75.00	95	120/80	120	W/MR	B+	POSITIVE	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	



# Annexure – 10



# FORM 11

[ See rule 58(2) ]

Name Of District : **PASCHIM BARDHAMAN**

Name Of Block : **SALANPUR**

Name Of Gram Panchayat : **DENDUA**

Trade Registration No:- **648**

Trade Registration Date:-**31-Jul-2019**

Trade Registration Certificate issue No:- **1**

Issue Date:-**28-Apr-2022**

Trade Registration Certificate issued for the period of: **2022-2023,2023-2024,2024-2025**

To **DEEPAK KUMAR AGARWAL**

(Name of Prop/partner/Director)

Full Address :

VILLAGE - **NAKRAJORIA**

PARA - **NAKRAJORIA**

POLICE STATION - **SALANPUR**

POST OFFICE - **SALANPUR**

MOUZA - **26**

DAG - **7064 OTHERS**

PIN NO - **713357**

Gram Sansad/ Part No. **SIX SEVEN**

Description of Trade : **IRON AND STEEL**

Gram panchayat acknowledges a sum of **Rs. 1500** (Rupees One Thousand Five Hundred Only)

From **M/S ELOQUENT STEEL PRIVATE LIMITED**

(Name of Trade)

Grant of this certificate shall not absolve the applicant from the requirement of procuring all the statutory clearances to be obtained from the appropriate authority before actual commencement of the trade. If any violation/default is noted later is, the certificate shall be liable to be cancelled and the trade/business shall be closed down with immediate effect.

**This Certificate Is Electronically Generated**

N.B.: Gram Panchayat has every right to cancel or revoke or not allowing renewal of registration at any time

Ref. Application Docket No. **NOCHIKH13202514R**

<https://wbprd.gov.in/>

# Annexure – 11



# ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB  
Accredited by NABL (ISO/IEC 17025:2017)  
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/1000F/S/M/22-23
4. Date of sampling : 20.02.2023
5. Reporting Date : 02.03.2023
6. Type of sample : Slag
7. Location : Ferro Slag

Sl. No.	PARAMETERS	METHOD	UNIT	RESULTS
1.	Iron (Fe)	EPA 1311 : 1992 / EPA 3050 B, 1996/EPA 200.9 : 1998	mg./l	6.90
2.	Zinc (Zn)	EPA 1311 : 1992 / APHA 23 <sup>rd</sup> Ed., 3111 B : 2017	mg./l	4.20
3.	Copper (Cu)	EPA 1311 : 1992 / EPA 3050 B, 1996/EPA 200.6 : 1998	mg./l	2.50
4.	Nickel (Ni)	EPA 1311 : 1992 / APHA 23 <sup>rd</sup> Ed., 3111 B : 2017	mg./l	1.80
5.	Lead (Pb)	EPA 1311 : 1992 / EPA 3050 B, 1996/EPA 200.9 : 1998	mg./l	1.10
6.	Cadmium (Cd)	EPA 1311 : 1992 / EPA 3050 B, 1996/IS 3050 (Part 46)	mg./l	<0.002

Reviewed By :

INDRANI BHATTACHARYA  
Dy. Technical Manager, Chemical

Authorised Signatory :

Dr. AJOY PAUL  
Quality Manager

<End of Report>

# Annexure – 12

**MAITHAN STEEL & POWER LIMITED**



Date: 01.12.2021.

AGREEMENT

This Memorandum of Understanding (MOU) hereafter referred to as ("Agreement") made on this the First Day of December, 2021 by M/s. Eloquent Steel Pvt. Ltd. a company incorporated under the Companies Act, 1956 and having located at Vill. Nakrajoria, PO/PS. Salanpur, Dist. Paschim Bardhaman (WB)- 713357 hereafter referred to as ESPL (Which expression shall unless excluded by or repugnant to the subject or context to deemed to mean and include its successor or successors and permitted assigns) of the Party-1.

AND

M/s. Maithan Steel & Power Ltd., having its factory at Salanpur, Dendua (Which expression shall unless excluded by or repugnant to the subject or context to deemed to mean and include its successor or successors and permitted assigns) of the Party-2.

Whereas, the First Party offered Solid waste slag generated at ESPL from Induction Furnace & SAF to M/s. Maithan Steel & Power Ltd.

Whereas, the material shall be dispatched by ESPL to M/s. Maithan Steel & Power Ltd., by their own means and cost and no charges what so ever shall be paid by M/s. Maithan Steel & Power Ltd., towards, cost, loading, freight, etc.

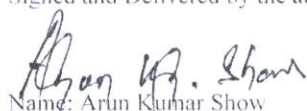
M/s. Maithan Steel & Power Ltd., will utilize the solid waste slag towards land filling and use as aggregate at its factory at Salanpur, Dendua.

**Period of Agreement:** This agreement shall remain in force for a period of 2 (Two) years from the date of signing this agreement which may be further extended with mutual consent of the parties.

**Dispute Resolution:** That in the event of any dispute of difference between the parties in respect to this Agreement shall be settled by amicable negotiation between the parties failing which the same shall be decided by Arbitration in accordance with provision of Arbitration and conciliation Act, 1966.

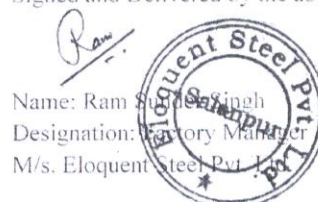
In witness thereof the parties hereto have executed this above written Agreement on the First Day of December, 2021

Signed and Delivered by the above



Name: Arun Kumar Show  
Designation: Factory Manager  
M/s. Maithan Steel & Power Ltd.

Signed and Delivered by the above

  
Name: Ram Suresh Singh  
Designation: Factory Manager  
M/s. Eloquent Steel Pvt. Ltd.

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

CIN: U27102WB2001PLC093321

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

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

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

☎ 8651540007



# Eastern Track Udyog Pvt. Ltd.

MANUFACTURER OF RAILWAY TRACK FITTING

**Jai Dai Group**  
ENGINEERING INNOVATIONS

VILL : Nakrajoria, P.O. : Salanpur

Dist : Paschim Bardhaman

Pin : 713357

E-mail : kediakedia@jaidadigroup.com

easternudyog@rediffmail.com

Website : www.jaidadigroup.com

CIN No. : U35203WB2005PTC104529

**Date: 01.12.2021**

## AGREEMENT

This memorandum of understanding (MOU) hereafter referred to as ("Agreement") made on this the first day of December 2021 by M/S Eloquent Steel Pvt. Ltd. a company incorporated under the companies Act, 1956 and having located at Vill-Nakrajoria, PO/PS-Salanpur, Dist-Paschim Bardhaman (WB)-713357 hereafter referred to as ESPL (with expression shall unless excluded by or repugnant to the subject or context to deemed to mean and include its successor or successors and permitted assigns) of the PARTY-1.

AND

M/s Eastern Track Udyog private Limited having its factory at Nakrazoria, Salanpur (with expression shall unless excluded by or repugnant to the subject or context be deemed to mean and include its successor or successors and permitted assigns) of the PARTY-2.

Whereas, the First Party offered Solid Waste Slag generated at ESPL from Induction Furnace & SAF to M/S Maithan Steel and Power Limited the rate of the Slag will be decided on monthly basis.

Whereas, M/S. Eastern Track Udyog private Limited shall arrange to place vehicle for lifting of the slag from ESPL and will pay the freight to the transporter/truck driver as per lorry receipt and at actual being the charges from unit of ESPL, Nakrajoria, to the unit of M/S Shakambhari Group of Industries.

M/S. Eastern Track Udyog private Limited will utilize the solid waste slag towards land filling and use as aggregate at its factory at Salanpur, Denuda.

Period of Agreement: This agreement shall remain in force for a period of 3(Three) years from the date of signing this agreement which may be further extended with mutual consent of the parties.

Dispute Resolution : That in the event of any dispute of difference between the parties in respect to this Agreement shall be settled by amicable negotiation between the parties failing which the same shall be decided by Arbitration in accordance with provision of Arbitration and conciliation Act, 1966.

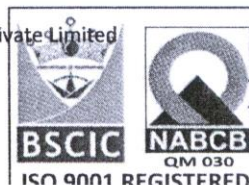
In witness thereof the parties here to have executed this above written Agreement on the first day of December 2021.

Signed and Delivered by the above



Name:  
Designation:

M/S Eastern Track Udyog private Limited



Signed and Delivered by the above

Name: Ram Sunder Singh  
Designation: Factory Manager  
M/S Eloquent Steel Pvt. Ltd.

