

Ref: - ESPL/ISL/SMC/APRIL – SEPT, 2021

Date: 29.11.2021

To,
The IGF & Incharge
GOI, MoEF&CC,
Integrated Regional Office, Kolkata
IB-198, Salt Lake City, Sector-III
Kolkata - 700106

SUB: Six Monthly (April to September-2021) Compliance to Environmental Clearance conditions vide MoEF&CC F. No. J-11011/183/2008-IA-II Dated 28th July, 2008 and EC transfer letter J-11011/188/2011-IA.II (I) dated 15th October, 2020 by M/s Eloquent Steel Pvt. Ltd. (formerly Impex Steel Limited) Vill-Nakrajoria, PO & PS-Salanpur, Dist.–Paschim Bardhaman (WB), 713357

Dear Sir,

With reference to above, we are submitting enclosed herewith the six monthly compliance report (Period April to September-2021) for M/s Eloquent Steel Pvt. Ltd. (Formerly 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 perusal.

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.

Thanking You.

Yours Faithfully,

For **Eloquent Steel Pvt. Ltd.**
(Formerly Impex Steel Ltd.)

(Authorized Signatory)

Encl: as above



Copy to:

The Sr. Environmental Engineer, West Bengal Pollution Control Board, Asansol Regional Office, Dr. B.C. Roy Road, KSTP, Asansol- 713305, Dist.-Paschim Bardhaman (WB).

SIX MONTHLY COMPLIANCE REPORT

APRIL, 2021 – SEPTEMBER, 2021



Prepared by:

M/s Eloquent Steel Pvt. Ltd.

(Formerly M/s Impex Steel Limited)

Vill-Nakrajoria, PO-Salanpur, Dist-Paschim Bardhaman-713357 (WB)



Eloquent Steel Pvt. Ltd.

(Formerly Impex Steel Limited)

COMPLIANCE STATUS ON ENVIRONMENTAL CLEARANCE

Ref: MoEF&CC, F. No. : J-11011/183/2008-IA-II Dated 28th July, 2008 and,
EC transfer letter J-11011/188/2011-IA. II (I) dated 15th October, 2020

COMPLIANCE PERIOD: (April,2021 - September, 2021)

INTRODUCTION

The project of M/s Eloquent Steel Pvt. Ltd. (formerly M/s Impex Steel Ltd.) is located at Village-Nakrajoria, PO & PS- Salanpur, District- Paschim Burdwan-713357, West Bengal.

Eloquent Steel Private Limited (ESPL) was incorporated in the year 2012. As per Certificate of Incorporation Corporate Identity Number is U 51909 WB 2012 PTC 185734, 2012-13 dated 11.09.2012 issued by the Registrar of Companies, Kolkata. For the purpose of setting up Ferro Alloy Plant, ESPL has acquired 2 existing Plants which are located adjacent to each other with common boundary wall through Auction from Official Liquidator of Hon'ble High Court, Calcutta and also through bidding in Auction Notice issued by Stressed Asset Management Branch of State Bank of India, Kolkata. The Impex Steel Ltd was obtained from SBI, SAMB, Kolkata and the possession received date-22.12.2017 (**Annexure-1**). Date of land registry in the name of Eloquent Steel Pvt. Ltd. from Impex steel Limited-12.04. 2018. The Unit was not in operation for about three years and was put up for auction by the authorities. The Required Maintenance and Overhauling work started from April, 2018.

M/s. Eloquent Steel Pvt. Ltd. applied for transfer of environmental clearance from Impex Steel Limited and it was transferred on 15th October, 2020 by the order of MoEF&CC (Impact Assessment Division) (**Annexure-2**). Consent to Establish & Consent to Operate has also been obtained from West Bengal Pollution Control Board in the name of Eloquent Steel Pvt. Ltd. As part of the compliance of statutory requirement environmental quality monitoring has been carried out by M/s Envirocheck, Kolkata, West Bengal.

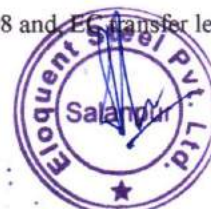
The details regarding compliance have been mentioned herewith in the following pages for the six monthly period of April, 2021 to September, 2021.



Six Monthly EC Compliance Report

Name of the Project	: M/s Eloquent Steel Pvt. Ltd. (Formerly Impex Steel Limited) Village-Nakrajoria, PO & PS-Salanpur, Dist. -Paschim Burdwan (WB)
Environmental Clearance Letter No	: J-11011/183/2008-IA-II Dated 28 th July 2008 and EC transfer letter F. No. J-11011/188/2011-IA-IIDated 15 th October, 2020
Period of Compliance Report	: (April,2021-September, 2021)

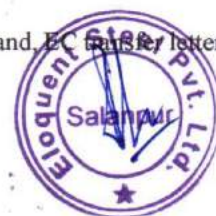
Sl. No.	Conditions	Compliance Status
SPECIFIC CONDITIONS:		
1.	Project authorities shall provide monitoring facilities for all the stacks. Air pollution control equipment such as bag filters shall be installed to keep emissions levels below 100mg/Nm ³ and reports submitted to ministry's Regional Office 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. Continuous Emission Monitoring System has been installed and under process for online connectivity with CPCB portal. 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 Annexure-3 .
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 work zone monitoring report is enclosed as Annexure-4 .
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 'Zero' effluent discharge and no effluent being discharged outside factory premises.
4.	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.	Necessary permission from District Level Ground Water Authority for drawl of ground water has been taken. Please refer Annexure-5 .



**Six Monthly Compliance Report
(April - September, 2021)**

**M/s Eloquent Steel Pvt. Ltd.
(Formerly M/s Impex Steel Limited)**

5.	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.	We have a rain water harvesting pond and water from this pond is being used in order to keep the water requirement low.
6.	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.	It is being compiled. Latest TCLP test report of Slag is attached as Annexure-6 & No effluent being discharged outside the plant premises. Last effluent monitoring report is enclosed as Annexure-7 .
7.	The hazardous slag generated from the furnace shall be disposed of in accordance with the Hazardous Waste (Management and Handling) Rules, 2003.	Ferro Manganese slag being used for Silico Manganese production; and Silico Manganese slag and Induction furnace slag is being used for landfilling & road construction purpose.
8.	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.	EC was granted on 28 th 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 nd December 2017. It is believed that the Solid Waste Management Plan might have been submitted by the then proponent.
9.	Green belt shall be developed in 7805.78 m ² 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.	We have undertaken a massive plantation programme by planting the indigenous species in consultation with DFO along with maintenance of existing plantation and doing dedicated effort to achieve the desired target of 33%. Some photographs are attached as Annexure-8 .
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 and records are maintained.
GENERAL CONDITIONS:		
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 being adhered by the company. Consent to Operate obtained from WBPCB is attached as Annexure-9 .
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 ₂ and NO _x 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 Bhubaneswar and the SPCB/CPCB once in six months.	Ambient Air Quality Monitoring being carried on as per direction in consideration of maximum ground level concentration of PM ₁₀ , PM _{2.5} , SO ₂ , and NO _x . Last Ambient Air Quality monitoring reports and stack monitoring reports are enclosed as Annexure-10 and Annexure-3 .
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).	It is being complied. 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). Ambient Noise and Work Zone Noise Monitoring report is attached as Annexure-11A and Annexure-11B .
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.	EC was granted on 28th 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 22nd December, 2017 through auction from Stressed Assets Management Branch State Bank of India, Kolkata. EIA/EMP report is not having with us. 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. 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 Annexure-3, 4, 10, 11A & 11B . With normalization of covid-19 situation, company is initiating its contribution towards community development program in the surrounding villages. Some photographs of distribution of study material, school bags, hand sanitizer, mask, etc. to the nearby village school children under the CSR activity are attached as Annexure-12 .



6.	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.	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. Recurring cost utilized for environmental protection measures was approx. 0.17Crores during the compliance period. Suitable manpower has been provided for an efficient operation, monitoring and maintenance of the pollution control devices installed.
7.	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.	Six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data being submitted to MoEF&CC and Pollution Control Board in the soft copies as per the direction of Hon'ble MoEF&CC F. No. 106-12/EPE dated 11.05.2020.
8.	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 http://envfor.nic.in . 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.	EC was granted on 28 th 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. Since EC was granted on 28 th July 2008; therefore it is believed that the same has been compiled by the then project proponent.
9.	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 28 th 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. Since EC was granted on 28 th July 2008; therefore it is believed that the same has been compiled by the then project proponent.



Annexure-1

SALE CONFIRMATION ADVICE

i) M/s Eloquent Steel Pvt Ltd.,
"Diamond Prestige"
41 A, A J C Bose Road,
8th Floor,
Room No. 801
Kolkata, West Bengal

SAMB/BR/ 17/1*

Date: 22.12.2017

Dear Sir,

You are the successful bidder for **Rs. 17.79 crs (Rs. Seventeen crores Seventy Nine lacs only)** in the auction held on 22.12.2017 of the property mortgaged by M/s Impex Steel Ltd., and more fully described in Schedule A.

SCHEDULE A

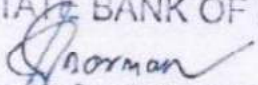
As per Deed Nos. : I-4544, I-4548, I-4557, I-4560, I-4562, I-4563, I-4836, I-4838, I-4839, I-4842, I-4844, I-4845, I-4905, I-4907, I-4909, I-4973, I-4974, in the name of M/s. Impex Steel Ltd

- i) Factory land measuring 10.95 acre and building, factory shed thereon at Mouza -Nakera Joria, P.S- Salanpur, Dist: Burdwan, West Bengal on pari-passu basis with BOB.
- ii) P&M and other fixed assets (existing & future) on pari-passu basis with BOB.

You have remitted Rs.1,77,70,000/- through RTGS on 19.12.2017. You are advised to remit Rs.2,67,05,000/- (Rs. Two crores Sixty Seven lacs Five thousand only) immediately and the balance amount of Rs. 13,34,25000/- (Rupees Thirteen crores thirty four lacs twenty five thousand only) (including 1% TDS of Rs. 17,79,000/- in favour of M/s Impex Steel Ltd., PAN No. AABCI4019H) on or before 15th day of confirmation of sale, transfer of the said property in your favour.

You may kindly note that on failure to remit the balance amount within the specified period i.e on or before 15th day of confirmation of sale the amount already remitted would be forfeited.

For STATE BANK OF INDIA
For STATE BANK OF INDIA


AUTHORISED OFFICER
Stressed Assets Management Branch
কালকাতা / Kolkata 700 071

Annexure-2

F. No. J-11011/188/2011-IA. II (I)
Government of India
Ministry of Environment, Forest and Climate Change
(Impact Assessment Division)

Indira Paryavaran Bhawan
Jor Bagh Road, Aliganj,
New Delhi – 110003
E-mail: dirind-moefcc@gov.in
Tel: 011-24695368

Dated: 15th October, 2020

To

Shri. Deepak Kumar Agarwal,
Director,
M/s. Eloquent Steel Private Limited,
Village: NakraJoria, P.O: Salanpur,
District: Paschim Burdwan,
West Bengal – 700017.
E-mail: esplmoef@shakambharigroup.in

Subject: Transfer of Environment Clearance titled “Expansion of the existing unit by installation of 2 X 7.5 MVA Ferro Alloys Plant & 1 X 300 TPD Sinter Plant to manufacture Ferro Alloys and Manganese Ore Sinter at Mouza: NakraJoria, P.S.: Salanpur, District: Burdwan in West Bengal” **from M/s. Impex Steel Limited to M/s. Eloquent Steel Private Limited –regarding.**

Ref. : (i) MoEF&CC letter No. J-11011/183/2008-IA-II (I) dated 28/07/2008
(ii) MoEF&CC letter No. J-11011/188/2011-IA-II (I) dated 20/09/2012
(ii) Online proposal no. IA/WB/IND/166435/2020 dated 07/08/2020 & subsequent ADS reply letter dated 31/08/2020

Sir,

- Reference is invited to your online proposal no. IA/WB/IND/166435/2020 dated 07/08/2020 & subsequent ADS reply letter dated 31/08/2020 requesting to transfer the Environment Clearance accorded by MoEF&CC vide letter no. J-11011/183/2008-IA.II(I) dated 28/07/2008 and J-11011/188/2011-IA-II (I) dated 20/09/2012 from M/s. Impex Steel Limited to M/s. Eloquent Steel Private Limited.
- The Ministry of Environment, Forest and Climate Change (MoEF&CC) has examined the request submitted by you and the following points are noted;
A. Implementation status of the EC dated 28/07/2008 and 20/09/2012

File No.	Date	Project	Present status
J-11011/183/2008-IA.II(I)	28/07/2008	Expansion of the plant by Setting up of Ferro Alloys Plant (2 X 7.5 MVA) at Mouza NakraJoria, P.S.	Project implemented within EC validity period and unit has obtained Consent to Operate from

Transfer of Environment Clearance titled “Expansion of the existing unit by installation of 2 X 7.5 MVA Ferro Alloys Plant & 1 X 300 TPD Sinter Plant to manufacture Ferro Alloys and Manganese Ore Sinter at Mouza: NakraJoria, P.S.: Salanpur, District: Burdwan in West Bengal” from M/s. Impex Steel Limited to M/s. Eloquent Steel Private Limited.

File No.	Date	Project	Present status
		Salanpur, District, Burdwan in West Bengal.	WBPCB till 31/03/2016.
J-11011/188/2011-IA.II(I)*	20/09/2012	Expansion of existing Unit by installation of 2 X 7.5 MVA Ferro Alloys Plant & 1 X 300 TPD Sinter Plant to manufacture Ferro Alloys and Manganese Ore Sinter at Mouza Nakrajoria, P.S. Salanpur, District, Burdwan in West Bengal	These additional facilities are not installed till date in the plant premises.

**Note: The facilities envisaged in the EC dated 20/09/2012 have not been installed and as per the available records, no validity extension has been obtained from MoEF&CC and the validity period of the EC dated 20/09/2012 was already expired on 19/09/2019.*

B. Reasons for EC transfer:

The unit was not under operation for the last three years. Possession of M/s Impex Steel Ltd was made through bidding in Auction Notice, issued by Stressed Asset Management Branch of State Bank of India, Kolkata.

C. Documents submitted for EC transfer:

- i. Form No.7 for transfer of Environmental Clearance.
- ii. Authorization letter enabling Shri. Deepak Kumar Agarwal, Director to correspond and execute documents with MoEF&CC
- iii. Sale certificate dated issued by Stressed Asset Management Branch of State Bank of India, Kolkata.
- iv. Undertaking dated 28/07/2020 of M/s. Eloquent Steel Private Limited in a non-judicial stamp paper stating that they will be complying with the environmental safeguards mentioned in the Environment Clearance letter dated 28/07/2008 and 20/09/2012.
- v. Memorandum and Articles of Association of M/s. Eloquent Steel Private Limited.
- vi. Certificate of incorporation issued by the Ministry of Corporate Affairs to M/s. Eloquent Steel Private Limited on 11/09/2012.

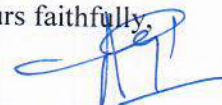
3. As per the para 11 of EIA notification 2006, a prior environmental clearance granted for a specific project or activity to an applicant may be **transferred during its validity** to another legal person entitled to undertake the project or activity on application by the transferor, or by the transferee with a written "no objection" by the transferor to and by the regulatory authority concerned, on the same terms and conditions under which the prior environmental clearance was initially granted, and for the same validity period. No reference to the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned is necessary in such cases.

Transfer of Environment Clearance titled "Expansion of the existing unit by installation of 2 X 7.5 MVA Ferro Alloys Plant & 1 X 300 TPD Sinter Plant to manufacture Ferro Alloys and Manganese Ore Sinter at Mouza: Nakrajoria, P.S.; Salanpur, District: Burdwan in West Bengal" from M.s. Impex Steel Limited to M.s. Eloquent Steel Private Limited.

4. This Ministry hereby decided the following:
- Accepted the request for transfer of Environment Clearance accorded vide letter no. J-11011/183/2008-IA.II(I) dated 28/07/2008 from M/s. Impex Steel Limited to M/s. Eloquent Steel Private Limited subject to satisfactory compliance to all the stipulated specific and general conditions. You are also requested to obtain 'Consent to Operate' from the West Bengal Pollution Control Board in the name of M/s. Eloquent Steel Private Limited.
 - Rejected the transfer process for EC dated 20/09/2012 as the units envisaged under the said EC have not been implemented within its validity period and the validity period of the said EC was already expired on 19/09/2019.
5. M/s. Eloquent Steel Private Limited shall comply with the all specific and general conditions stipulated in the Environment Clearance letter dated 28/07/2008.
6. In case, there is a change in the scope of the project, fresh Environment Clearance shall be obtained.

This issues with the approval of the Competent Authority.

Yours faithfully,



(A.K. Agrawal)
Director

Copy to:-

- Secretary, Department of Environment, Government of West Bengal, Secretariat Kolkata.
- Deputy Director General of Forests (Central), Ministry of Environment, Forest and Climate Change, Regional Office (EZ), A/3, Chandrasekharpur, Bhubneshwar-751 023.
- Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi-110032.
- Chairman, West Bengal State Pollution Control Board, Paribesh Bhawan, 10A- Block LA, Sector -III, Salt Lake City, Kolkata - 700 098.
- Member Secretary, Central Ground Water Authority, West Block -II, Wing -3, Sector I, R.K.Puram, New Delhi - 110086.
- District Collector, Paschim Burdwan District, State of West Bengal.
- Guard File / Record file / Monitoring file.
- MOEF&CC Website.



(A.K. Agrawal)
Director

Annexure-3



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/38

Name of the Industry	: Eloquent Steel Pvt. Ltd. (Formerly known as - Impex Steel Ltd.)	Type of Industry	: Ferro Alloy and SMS Unit
Address	: Vill. - Nakrajoria, P.O. + P.S. - Salanpur, Dist. - Paschim Bardhaman	Sampling Date	: 21.09.2021
		Analysis completed on	: 23.09.2021 - 24.09.2021
		Date of Issue	: 27.09.2021
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No
		Type of Sample	: Stack Emission
Sample ID No.	: ENV/62A/Sep./A/I	Report No.	: ENV/62A/Sep./TR(A)/1/21-22

A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	: SEAF (No.1) Through APC system
Shape of Stack	: Circular
Materials of Construction	: M.S.
Capacity	: 7.5 MVA
Emission Due to	: Combustion of Coke & Reduction of Mn-Ore
Fuel Used	: Electrically Operated
Working Fuel Consumption	: Nil
Pollution Control Device	: Bag Filter (2 nos.)
Height of Stack (mtr.) (from G. L.)	: 36.0
Stack I.D. at sampling point (mtr.)	: 1.60
Height of sampling port (mtr.) (from G.L.)	: 27.0
Permanent Platform & Ladder	: Yes

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS
1.	Flue Gas Temperature	°C	IS : 11255 (Part 1)	: 82.0
2.	Barometric Pressure	mm of Hg.	--	: 755.0
3.	Velocity of Gas flow	m/s	IS : 11255 (Part 3)	: 11.18
4.	Quantity of Gas flow	Nm ³ /hr.	IS : 11255 (Part III)	: 67396.23
5.	Concentration of SO ₂	mg/Nm ³	IS 11255 (Part 2) 1985 RA 2003	: 45.87
6.	Concentration of CO ₂	% (v/v)	IS 13270 1992 RA 2003	: 1.0
7.	Concentration of CO	%(v/v)	IS 13270 1992 RA 2003	: <1.0
8.	Concentration of Particulate Matter	mg/Nm ³	IS 11255 (Part - 1) 1985 RA 2003 & ASTM D 3685/D 3685M-98 (reapproved 2005) : Sec. 11 (Vol. 3 11.07) : 2011	: 19.23

Remarks :

Reviewed By :

DURBADAL CHAKRABORTY
Dy. Quality Manager

Approved By :

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



Certificate No. TC-6014



TEST REPORT

FORMAT NO : ENV/FM/38

Name of the Industry	: Eloquent Steel Pvt. Ltd. (Formerly known as - Impex Steel Ltd.)	Type of Industry	: Ferro Alloy and SMS Unit
Address	: Vill. - Nakrajoria, P.O. + P.S. - Salanpur, Dist. - Paschim Bardhaman	Sampling Date	: 21.09.2021
		Analysis completed on	: 23.09.2021 - 24.09.2021
		Date of Issue	: 27.09.2021
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No
		Type of Sample	: Stack Emission
Sample ID No.	: ENV/62A/Sep./A/II	Report No.	: ENV/62A/Sep./TR(A)/II/21-22

A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	: SEAF (No.2) Through APC system
Shape of Stack	: Circular
Materials of Construction	: M.S.
Capacity	: 7.5 MVA
Emission Due to	: Combustion of Coke & Reduction of Mn-Ore
Fuel Used	: Electrically Operated
Working Fuel Consumption	: Nil
Pollution Control Device	: Bag Filter (2 nos.)
Height of Stack (mtr.) (from G. L.)	: 36.0
Stack I.D. at sampling point (mtr.)	: 1.60
Height of sampling port (mtr.) (from G.L.)	: 27.0
Permanent Platform & Ladder	: Yes

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS
1.	Flue Gas Temperature	°C	IS : 11255 (Part 1)	: 78.0
2.	Barometric Pressure	mm of Hg.	--	: 755.0
3.	Velocity of Gas flow	m/s	IS : 11255 (Part 3)	: 11.11
4.	Quantity of Gas flow	Nm ³ /hr.	IS : 11255 (Part III)	: 67853.32
5.	Concentration of SO ₂	mg/Nm ³	IS 11255 (Part 2) 1985 RA 2003	: 34.86
6.	Concentration of CO ₂	% (v/v)	IS 13270 1992 RA 2003	: 1.2
7.	Concentration of CO	%(v/v)	IS 13270 1992 RA 2003	: <1.0
8.	Concentration of Particulate Matter	mg/Nm ³	IS 11255 (Part - 1) 1985 RA 2003 & ASTM D 3685/D 3685M-98 (reapproved 2005) : Sec. 11 (Vol. 3 11.07) : 2011	: 18.33

Remarks :

Reviewed By :

DURBADAL CHAKRABORTY
Dy. Quality Manager

Approved By :

Dr. AJOY PAUL
Quality Manager

Annexure-4



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. (Formerly known as - Impex Steel Ltd.)	Type of Industry	: Ferro Alloy and SMS Unit
Address	: Vill. - Nakrajoria, P.O. + P.S. - Salanpur, Dist. - Paschim Bardhaman	Sampling Date	: 21.09.2021
		Analysis completed on	: 23.09.2021 - 24.09.2021
		Date of Issue	: 27.09.2021
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No
		Type of Sample	: Work Zone
Sample ID No.	: ENV/62A/Sep./A/VI	Report No.	: ENV/62A/Sep./TR(A)/VI/21-22

A] GENERAL INFORMATION

1. Location of Sampling : Inside the Ferro Division
2. Duration of Sampling : 08 hrs. (09:40 a.m. - 05:40 p.m.)

B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 30.0
2. Average Relative Humidity (%) : 76.0
3. Barometric Pressure (mm of Hg) : 755.0
4. Smell or Odour : No Remarkable Smell

C] RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS
1.	Concentration of SPM	µg/m3	NIOSH 0500 : 2005	486.12

Remarks :

Reviewed By :

DURBADAL CHAKRABORTY
Dy. Quality Manager

Approved By :

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. (Formerly known as - Impex Steel Ltd.)	Type of Industry	: Ferro Alloy and SMS Unit
Address	: Vill. - Nakrajoria, P.O. + P.S. - Salanpur, Dist. - Paschim Bardhaman	Sampling Date	: 21.09.2021
		Analysis completed on	: 23.09.2021 - 24.09.2021
		Date of Issue	: 27.09.2021
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No
		Type of Sample	: Work Zone
Sample ID No.	: ENV/62A/Sep./A/VI	Report No.	: ENV/62A/Sep./TR(A)/VI/21-22

A] GENERAL INFORMATION

1. Location of Sampling : Inside the Ferro Division
2. Duration of Sampling : 08 hrs. (09:40 a.m. - 05:40 p.m.)

B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 30.0
2. Average Relative Humidity (%) : 76.0
3. Barometric Pressure (mm of Hg) : 755.0
4. Smell or Odour : No Remarkable Smell

C] RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS
1.	Concentration of SO ₂	µg/m ³	IS 5182 (Part 2) 2001 & ASTM D 2914-01 reapproved 2007: Sec. 11 (Vol. 11.07) : 2011	14.50
2.	Concentration of NO ₂	µg/m ³	IS 5182 (Part 6) 2006 & ASTM D 1607-91 reapproved 2005 : Sec. 11 (Vol. 11.07) : 2011	32.82

Remarks :

Reviewed By :

DURBADAL CHAKRABORTY
Dy. Quality Manager

Approved By :

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. (Formerly known as - Impex Steel Ltd.)	Type of Industry	: Ferro Alloy and SMS Unit
Address	: Vill. - Nakrajoria, P.O. + P.S. - Salanpur, Dist. - Paschim Bardhaman	Sampling Date	: 21.09.2021
		Analysis completed on	: 23.09.2021 - 24.09.2021
		Date of Issue	: 27.09.2021
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No
		Type of Sample	: Work Zone
Sample ID No.	: ENV/62A/Sep./A/VII	Report No.	: ENV/62A/Sep./TR(A)/VII/21-22

A] GENERAL INFORMATION

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

B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 23.0
2. Average Relative Humidity (%) : 70.0
3. Barometric Pressure (mm of Hg) : 755.0
4. Smell or Odour : No Remarkable Smell

C] RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS
1.	Concentration of SPM	µg/m ³	NIOSH 0500 : 2005	431.28

Remarks :

Reviewed By :

DURBADAL CHAKRABORTY
Dy. Quality Manager

Approved By :

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/5Z

Name of the Industry	: Eloquent Steel Pvt. Ltd. (Formerly known as - Impex Steel Ltd.)	Type of Industry	: Ferro Alloy and SMS Unit		
Address	: Vill. - Nakrajoria, P.O. + P.S. - Salanpur, Dist. - Paschim Bardhaman	Sampling Date	: 21.09.2021		
		Analysis completed on	: 23.09.2021 - 24.09.2021		
		Date of Issue	: 27.09.2021		
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No	Type of Sample	: Work Zone
Sample ID No.	: ENV/62A/Sep./A/VII	Report No.	: ENV/62A/Sep./TR(A)/VII/21-22		

A] GENERAL INFORMATION

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

B] METEOROLOGICAL INFORMATION

1. Average Temperature ($^{\circ}$ C) : 23.0
2. Average Relative Humidity (%) : 70.0
3. Barometric Pressure (mm of Hg) : 755.0
4. Smell or Odour : No Remarkable Smell

C] RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS
1.	Concentration of SO ₂	μ g/m ³	IS 5182 (Part 2) 2001 & ASTM D 2914-01 reapproved 2007: Sec. 11 (Vol. 11.07) : 2011	7.50
2.	Concentration of NO ₂	μ g/m ³	IS 5182 (Part 6) 2006 & ASTM D 1607-91 reapproved 2005 : Sec. 11 (Vol. 11.07) : 2011	25.02

Remarks :

Reviewed By :

DURBADAL CHAKRABORTY
Dy. Quality Manager

Approved By :

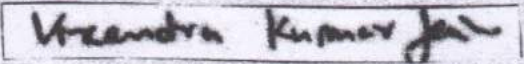
Dr. AJOY PAUL
Quality Manager

Annexure-5

(EMBLEM OR HOLOGRAM OF THE CONCERNED AUTHORITY)

PERMIT FOR SINKING OF NEW WELL

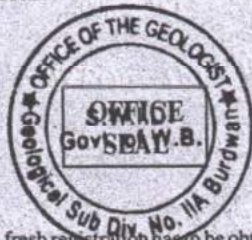
[U/S 7(3)(b) / 7(4)(b) / 7(5)(a) of the West Bengal Ground Water Resources
(Management, Control and Regulation) Act 2005.]PERMIT NO. **P02 33 026 00702 00000 01 TSE.**

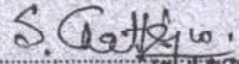
1. (a) Name of the applicant (user) : Shri/Smt. VIRENDRA KUMAR JAIN, Director,
IMPEX STEEL PVT. LIMITED.
- (b) Son / Daughter of : Shri. Dharam Chand Patni.
- (c) Address of the applicant : Jayanti Enclave, Upcargarden, Asansol-4.
Dist. - Burdwan.
- (d) Category of farmer (Please tick)
(in case of irrigation well) : Small Farmer / Marginal Farmer / Others ✓
- (e) Serial No. of application Form
and date of submission : BP 0118 Sl. No. 15.
- (f) Specimen signature of the user : 
2. Location particulars—
- (a) District : Burdwan.
- (b) Block, Mouza, J. L. No., Plot No. : Salanpur, Nekrajaria, 26, 702.
- (c) Municipality / Corporation
Ward No. / Borough No., Holding No. : N.A.
3. Particulars of the proposed well and pumping device—
- (a) Type of the well : Tube well.
- (b) Approx. depth of the well (m) : 135 m.
- (c) Purpose of the well : Industrial.
- (d) Assembly size (for tube well) : 150 mm. X 100 mm.
- (e) Approx. strainer length (for tube well) : 18 m.
- (f) Diameter (for dug well) : N.A. m.
- (g) Type of pump to be used : Submersible.
- (h) H. P. of the pump : 3.5 H.P.
- (i) Operational device : Electric motor
- (j) Rate of withdrawal (m³/hr.) : 10 m³/hour.
- (k) Maximum allowable running hours per day : 4 hours.

This permit authorizes the owner applicant (user) to sink a well in the location specified at S1. (2) for extraction of ground water at a rate not exceeding that as shown at S1. (3) (j) and for running hours / day as shown at S1. (3) (K), and is valid subject to the observance of the conditions stated overleaf.

Place: Burdwan.

Date: 10.01.2008.




Signature of the Issuing Authority
Geologist and Designation Secretary
District Level Ground Water Authority
Burdwan

Conditions:

- (1) In case of any change of ownership of the proposed well, fresh registration has to be obtained.
- (2) No change of location, design, rate of withdrawal and pumping device in respect of the proposed well as indicated at S1. (2) and (3) of this certificate shall be made without prior permission of the Competent Authority. Any deviation in this regard shall lead to cancellation of this permit.
- (3) In case, any of the particulars / information furnished by the applicant in his application for issuance of this permit is found to be incorrect during verification at any subsequent stage, this permit is liable for cancellation.
- (4) Any other condition imposed by the concerned Authority.



Annexure-6



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. (Formerly known as – Impex Steel Ltd.)
2.	Address	: Vill. – Nakrajoria, P.O. + P.S. – Salanpur, Dist. – Paschim Bardhaman
3.	Report No.	: ENV/580D/S/M/21-22
4.	Date of sampling	: 21.09.2021
5.	Reporting Date	: 29.09.2021
6.	Type of sample	: Slag
7.	Location	: SMS Slag

Sl. No.	PARAMETERS	METHOD	UNIT	RESULTS
1.	Zinc (Zn)	EPA 1311 : 1992 APHA 23 rd Ed., 3111 B : 2017	mg./l	6.50
2.	Copper (Cu)	EPA 1311 : 1992 EPA 3050 B, 1996/EPA 200.6 : 1998	mg./l	3.20
3.	Nickel (Ni)	EPA 1311 : 1992 APHA 23 rd Ed., 3111 B : 2017	mg./l	2.50
4.	Lead (Pb)	EPA 1311 : 1992 EPA 3050 B, 1996/EPA 200.9 : 1998	mg./l	1.20
5.	Cadmium (Cd)	EPA 1311 : 1992 EPA 3050 B, 1996/IS 3050 (Part 46)	mg./l	<0.002

Reviewed By :

DURBADAL CHAKRABORTY
Dy. Quality Manager

Approved By :

Dr. AJOY PAUL
Quality Manager

Annexure-7



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



FORMAT NO. ENV/FM/40

TEST REPORT

Name of the Industry	: Eloquent Steel Pvt. Ltd. (Formerly Known as - Impex Steel Pvt. Ltd.)	Type of Industry	: Ferro Alloy and SMS Unit		
Address	: Vill. - Nakrajoria, P.O. + P.S. - Salanpur, Dist. - PaschimBardhaman	Sampling Date	: 21.09.2021		
		Period of Analysis	: 23.09.2021 - 27.09.2021		
		Date of Issue	: 29.09.2021		
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No	Type of Sample	: Industrial Effluent Water (Grab)
Location	: Cooling Water Storage Tank	Sample ID No.	: ENV/580A/March /W/M	Report No.	: ENV/580A/March/TR(W)/M/21-22

SL. NO.	PARAMETERS	TEST METHOD	UNIT	RESULTS
1.	pH value	4500 H+B APHA 23 rd Edition, 2017	-	6.92
2.	Total Suspended Solids	2540 D APHA 23 rd Edition, 2017	mg/l	15.0
3.	Oil & Grease	5520 Oil B/D APHA 23 rd Edition, 2017	mg/l	<1.0
4.	Chemical Oxygen Demand	5200 COD B/C/D APHA 23 rd Edition, 2017	mg/l	20.0
5.	Biochemical Oxygen Demand for 3 days at 27°C	5210 BOD B APHA 23 rd Edition, 2017	mg/l	3.0

Reviewed By :

DURBADAL CHAKRABORTY
Dy. Quality Manager

Approved By :

Dr. AJOY PAUL
Quality Manager

Annexure-8

PLANTATION WITH INDIGENOUS SPECIES









Annexure-9

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 110/24

Memo Number : 1530-HPBA/Regd (Bsm)/cont (SB)/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. - Salarpur, 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. - Nakrajanra
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		
05		
06		
07		
08		
09		
10		
11		
12		

02. The *Applicant* shall remain responsible for quantity and quality of liquid effluent and air emissions.
03. Daily discharge of industrial liquid effluent shall not exceed KL.
04. Daily discharge of domestic liquid effluent shall not exceed 04 KL.
05. Daily discharge of mixed (industrial & domestic) liquid effluent shall not exceed KL.
06. The *Applicant* shall discharge liquid effluent to Sook 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. In 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 ³ /hr.	Velocity of gas emission m/sec	Concentrations of parameters not to exceed					Frequency of emission sampling
					SPM (mg/Nm ³)	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 M/s Eloquent Steel Pvt. Ltd (Formerly known as M/s Steel Ltd.)⁽³⁾
 for its unit at Vill - Naukranjoria
 P.O. + P.S. - Salanpur, Dist. - Paschim Bardhaman.

Table-I

Outlet No.	Nature of effluent	Parameters	Standard	Frequency of effluent sampling
01	Domestic	pH	Between : 5.5 to 9.0	Yearly
		Total Suspended Solids	Not to exceed : 100 mg/l.	
		Biochemical Oxygen Demand (3day at 27°C)	Not to exceed : 30 mg/l.	
		Chemical Oxygen Demand	Not to exceed : 250 mg/l.	
		Oil & Grease	Not to exceed : 10 mg/l.	

09. The Applicant falls in the Category of the Water (Prevention and Control of Pollution) Cess Act, 1977 and Rules made thereunder and the Applicant shall comply with the provisions of the said Act and Rules made thereunder.

10. Daily water consumption for the following purposes should not exceed :-
- Industrial cooling, spraying in mine pits and boiler feed water → 22 KL
 (Water used for gardening should be included in this category of use)
 - Domestic purpose → 06 KL
 - Processing whereby water gets polluted and the pollutants are easily biodegradable → — KL
 - Processing whereby water gets polluted and the pollutants are not easily biodegradable → — KL

The Applicant shall regularly submit to the Board the Returns of Water Consumption in the prescribed form and pay the Cess as specified under Section 3 of the said Act.

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

[Handwritten signature]
 28/07/18

Consent to ⁽⁵⁾ 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

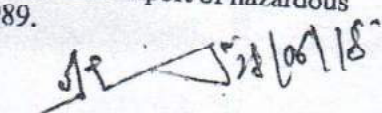
(Member Secretary/Chief Engr./ Sr. Env. Engr. / Env. Engr. / Asst. Env. Engr.)

Continued.....

Consent to M/s Eloquent Steel Pvt Ltd. (Formerly known as
M/s Impex Steel Ltd.) Vill. - Nokrajaria
 for its unit at P.O. + P.S. - Salarpur, 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, 2nd Floor,
Opp. Asansol Fire Station, G. T. Road,
Asansol, Paschim Bardhaman - 713 301
☎ : 091 (0341) 2305407/8,
🌐 : 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).

(Signature)
Senior Environmental Engineer
Asansol Regional Office.

26.08.2020

Annexure-10



ENVIROCHECK

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 Accredited by NABL (ISO/IEC 17025:2017)
 Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001 : 2018



TEST REPORT

FORMAT NO.: ENV/FM/37

Name of the Industry	: Eloquent Steel Pvt. Ltd. (Formerly known as - Impex Steel Ltd.)	Type of Industry	: Ferro Alloy and SMS Unit
Address	: Vill. - Nakrajoria, P.O. + P.S. - Salanpur, Dist. - Paschim Bardhaman	Sampling Date	: 21.09.2021 - 22.09.2021
		Analysis completed on	: 23.09.2021 - 24.09.2021
		Date of Issue	: 27.09.2021
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No
		Type of Sample	: Ambient Air
Sample ID No.	: ENV/62A/Sep./A/III	Report No.	: ENV/62A/Sep./TR(A)/III/21-22

A] GENERAL INFORMATION

1. Location of Sampling : Near Administrative Building
2. Duration of Sampling : 24 hrs. (11:00 a.m. - 11:00 a.m.)

B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 25.0
2. Average Relative Humidity (%) : 72.0
3. Barometric Pressure (mm of Hg) : 755.0
4. Smell or Odour : No Remarkable Smell
5. Weather Condition : Clear sky

C] RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS
1.	Concentration of PM _{2.5}	µg/m ³	USEPA 1997a, 40 CFR Part 50, Appendix L : 2006	52.65
2.	Concentration of PM ₁₀	µg/m ³	IS 5182 (PART 23) : 2006	84.13
3.	Concentration of SO ₂	µg/m ³	IS 5182 (Part 2) 2001 & ASTM D 2914-01 reapproved 2007: Sec. 11 (Vol. 11.07) : 2011	11.76
4.	Concentration of NO ₂	µg/m ³	IS 5182 (Part 6) 2006 & ASTM D 1607-91 reapproved 2005 : Sec. 11 (Vol. 11.07) : 2011	32.48
5.	Concentration of CO	mg/m ³	IS 5182 (Part 10): 1999 reaffirmed 2005 & ASTM D 3162-94 reapproved 2005 : Sec. 11 (Vol. 11.07) : 2011	0.38
6.	Concentration of Pb	µg/m ³	IS 5182 (Part 22) 2004	<0.01
7.	Benzo (a) Pyrene (BaP)	ng/m ³	IS 5182 (Part 12) : 2004 & ASTM D 6209-98 reapproved 2004 : Sec. 11 (Vol. 11.07) : 2011	<0.36
8.	Benzene (C ₆ H ₆)	µg/m ³	IS 5182 (Part 11) 2006 & ASTM D 5466-01 reapproved 2007 : Sec. 11 (Vol. 11.07) : 2011	<0.74
9.	Ozone (O ₃)	µg/m ³	IS 5182 (Part-IX) : 1974	<10.0
10.	Ammonia (NH ₃)	µg/m ³	NIOSH Manual of Analytical Method, 4 th Edition 1994, Method 6015, issue 2	<4.18
11.	Nickel (Ni)	ng/m ³	EPA IO 3.2, 1999	<0.02
12.	Arsenic (As)	ng/m ³	EPA IO 3.2, 1999, APHA 23 rd Ed 3114C : 2017	<0.01
13.	Mercury	mg/m ³	EPA IO.5 : 1999	<0.002

Remarks :

Reviewed By :

DURBADAL CHAKRABORTY
Dy. Quality Manager

Approved By :

Dr. AJAY PAUL
Quality Manager

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 : info@envirocheck.org /envirocheck50@gmail.com / Website : www.envirocheck.org
 Branch Office : ▪ Siliguri ▪ Haldia ▪ Durgapur ▪ Dhanbad ▪ Gangtok ▪ Port Blair ▪ Dehradun ▪ New Delhi
 Overseas : ▪ UAE ▪ Qatar ▪ Netherlands



ENVIROCHECK

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



TEST REPORT

FORMAT NO.: ENV/FM/37

Name of the Industry	: Eloquent Steel Pvt. Ltd. (Formerly known as - Impex Steel Ltd.)	Type of Industry	: Ferro Alloy and SMS Unit
Address	: Vill. - Nakrajoria, P.O. + P.S. - Salanpur, Dist. - Paschim Bardhaman	Sampling Date	: 21.09.2021 - 22.09.2021
		Analysis completed on	: 23.09.2021 - 24.09.2021
		Date of Issue	: 27.09.2021
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No
		Type of Sample	: Ambient Air
Sample ID No.	: ENV/62A/Sep./A/IV	Report No.	: ENV/62A/Sep./TR(A)/IV/21-22

A] GENERAL INFORMATION

1. Location of Sampling : Nakrajoria Village (1 km. Distance from Plant)
2. Duration of Sampling : 24 hrs. (09:00 a.m. - 09:00 a.m.)

B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 24.0
2. Average Relative Humidity (%) : 70.0
3. Barometric Pressure (mm of Hg) : 755.0
4. Smell or Odour : No Remarkable Smell
5. Weather Condition : Clear sky

C] RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS
1.	Concentration of PM _{2.5}	µg/m ³	USEPA 1997a, 40 CFR Part 50, Appendix L	48.38
2.	Concentration of PM ₁₀	µg/m ³	IS 5182 (PART 23) : 2006	80.50
3.	Concentration of SO ₂	µg/m ³	IS 5182 (Part 2) 2001 & ASTM D 2914-01 reapproved 2007: Sec. 11 (Vol. 11.07) : 2011	7.63
4.	Concentration of NO ₂	µg/m ³	IS 5182 (Part 6) 2006 & ASTM D 1607-91 reapproved 2005 : Sec. 11 (Vol. 11.07) : 2011	28.51

Remarks :

Reviewed By :

DURBADAL CHAKRABORTY
Dy. Quality Manager

Approved By :

Dr. AJOY PAUL
Quality Manager



ENVIROCHECK

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



TEST REPORT

FORMAT NO.: ENV/FM/37

Name of the Industry	: Eloquent Steel Pvt. Ltd. (Formerly known as - Impex Steel Ltd.)	Type of Industry	: Ferro Alloy and SMS Unit
Address	: Vill. - Nakrajoria, P.O. + P.S. - Salanpur, Dist. - Paschim Bardhaman	Sampling Date	: 21.09.2021 - 22.09.2021
		Analysis completed on	: 23.09.2021 - 24.09.2021
		Date of Issue	: 27.09.2021
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No
		Type of Sample	: Ambient Air
Sample ID No.	: ENV/62A/Sep./A/V	Report No.	: ENV/62A/Sep./TR(A)/V/21-22

A] GENERAL INFORMATION

1. Location of Sampling : Near M.C.C. Building (Back Side of the Plant)
2. Duration of Sampling : 24 hrs. (10:00 a.m. - 10:00 a.m.)

B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 25.0
2. Average Relative Humidity (%) : 72.0
3. Barometric Pressure (mm of Hg) : 755.0
4. Smell or Odour : No Remarkable Smell
5. Weather Condition : Clear sky

C] RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS
1.	Concentration of PM _{2.5}	µg/m ³	USEPA 1997a, 40 CFR Part 50, Appendix L	48.25
2.	Concentration of PM ₁₀	µg/m ³	IS 5182 (PART 23) : 2006	82.62
3.	Concentration of SO ₂	µg/m ³	IS 5182 (Part 2) 2001 & ASTM D 2914-01 reapproved 2007: Sec. 11 (Vol. 11.07) : 2011	6.80
4.	Concentration of NO ₂	µg/m ³	IS 5182 (Part 6) 2006 & ASTM D 1607-91 reapproved 2005 : Sec 11 (Vol. 11.07) : 2011	26.44

Remarks :

Reviewed By :

DURBADAL CHAKRABORTY
Dy. Quality Manager

Approved By :

Dr. AJOY PAUL
Quality Manager



ENVIROCHECK

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



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. - PaschimBardhaman	Sampling Date	: 20.09.2021 - 21.09.2021		
		Period of Analysis	: 23.09.2021 - 24.09.2021		
		Date of Issue	: 27.09.2021		
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No	Type of Sample	: Ambient Air
Sample ID No.	: ENV/61A/Sep./A/IV	Report No.	: ENV/61A/Sep./TR(A)/IV/21-22		

A) GENERAL INFORMATION

1. Location of Sampling : Near Main Gate (Common Entrance for Hira Concast Ltd. and Impex Steel Ltd.)
2. Duration of Sampling : 24 hrs. (10:00 a.m. - 10:00 a.m.)

B) METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 26.0
2. Average Relative Humidity (%) : 70.0
3. Barometric Pressure (mm of Hg) : 755.0
4. Smell or Odour : No Remarkable Smell
5. Weather Condition : Clear sky

C) RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS
1.	Concentration of PM _{2.5}	µg/m ³	USEPA 1997a, 40 CFR Part 50, Appendix L	49.53
2.	Concentration of PM ₁₀	µg/m ³	IS 5182 (PART 23) : 2006	82.60
3.	Concentration of SO ₂	µg/m ³	IS 5182 (Part 2) 2001 & ASTM D 2914-01 reapproved 2007: Sec. 11 (Vol. 11.07) : 2011	11.76
4.	Concentration of NO ₂	µg/m ³	IS 5182 (Part 6) 2006 & ASTM D 1607-91 reapproved 2005 : Sec. 11 (Vol. 11.07) : 2011	29.50

Remarks :

Reviewed By :

DURBADAL CHAKRABORTY
Dy. Quality Manager

Approved By :

Dr. AJAY PAUL
Quality Manager

Annexure-11A



ENVIROCHECK

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Accredited by NABL (ISO/IEC 17025:2017)
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NOISE MONITORING REPORT

Eloquent Steel Pvt. Ltd. (Formerly Known as – Impex Steel Ltd.)
Vill. – Nakrajoria, P.O + P.S – Salanpur, District – Paschim Burdwan

MONITORED BY :
ENVIROCHECK
189, Rastraguru Avenue,
Calcutta - 700 028

Report No : 251/EC/M/N/I/21-22

Sampling Locations :	Near Administrative Building	Date of Study :	21.09.2021
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	63.4	69.2	67.12	68.52
7:00 AM to 8:00 AM	66.3	72.1	70.10	
8:00 AM to 9:00 AM	67.2	71.3	69.72	
9:00 AM to 10:00 AM	68.6	73.4	71.63	
10:00 AM to 11:00 AM	69.2	74.1	72.31	
11:00 AM to 12:00 PM	65.3	69.8	68.11	
12:00 PM to 1:00 PM	66.9	69.4	68.33	
1:00 PM to 2:00 PM	68.1	72.4	70.76	
2:00 PM to 3:00 PM	65.3	69.5	67.89	
3:00 PM to 4:00 PM	67.1	71.3	69.69	
4:00 PM to 5:00 PM	64.2	68.1	66.57	
5:00 PM to 6:00 PM	61.1	64.6	63.19	
6:00 PM to 7:00 PM	60.0	65.3	63.41	
7:00 PM to 8:00 PM	62.1	65.6	64.19	
8:00 PM to 9:00 PM	65.1	67.3	66.34	
9:00 PM to 10:00 PM	58.1	62.3	60.69	

Date of Study :	21.09.2021 to 22.09.2021	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	55.8	61.7	59.68	58.29
11:00 PM to 12:00 AM	51.2	59.1	56.74	
12:00 AM to 1:00 AM	46.2	54.2	51.83	
1:00 AM to 2:00 AM	51.9	58.2	56.10	
2:00 AM to 3:00 AM	54.3	60.2	58.18	
3:00 AM to 4:00 AM	53.4	62.9	60.35	
4:00 AM to 5:00 AM	51.3	61.1	58.52	
5:00 AM to 6:00 AM	54.3	62.3	59.93	

L_{min} : Minimum Noise level

L_{max} :Maximum Noise level

L_{eq} :Equivalent sound energy

Compiled by : (Signature)
Dr. Ajoy Paul

Envirocheck Seal
Date : 01.10.2021

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
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Accredited by NABL (ISO/IEC 17025:2017)
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001 : 2018



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 : 251/EC/M/N/II/21-22

Sampling Locations :	Near Main Gate (Common with Impex Steel Ltd & Hira Concast Ltd.)	Date of Study :	21.09.2021
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	66.1	72.3	70.22	67.98
7:00 AM to 8:00 AM	67.3	71.1	69.60	
8:00 AM to 9:00 AM	65.2	72.2	69.98	
9:00 AM to 10:00 AM	67.3	74.6	72.33	
10:00 AM to 11:00 AM	65.2	71.3	69.24	
11:00 AM to 12:00 PM	66.1	72.1	70.06	
12:00 PM to 1:00 PM	65.8	70.3	68.61	
1:00 PM to 2:00 PM	63.1	67.2	65.62	
2:00 PM to 3:00 PM	62.9	69.1	67.02	
3:00 PM to 4:00 PM	60.2	65.3	63.46	
4:00 PM to 5:00 PM	64.3	66.1	65.29	
5:00 PM to 6:00 PM	61.1	67.2	65.14	
6:00 PM to 7:00 PM	60.2	66.3	64.24	
7:00 PM to 8:00 PM	61.6	64.1	63.03	
8:00 PM to 9:00 PM	60.1	62.3	61.34	
9:00 PM to 10:00 PM	62.9	68.3	66.39	

Date of Study :	21.09.2021 to 22.09.2021	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	56.5	60.1	58.66	56.51
11:00 PM to 12:00 AM	54.3	57.3	56.05	
12:00 AM to 1:00 AM	48.6	58.1	55.55	
1:00 AM to 2:00 AM	46.3	54.2	51.84	
2:00 AM to 3:00 AM	47.1	57.3	54.69	
3:00 AM to 4:00 AM	50.2	52.2	51.31	
4:00 AM to 5:00 AM	55.4	58.3	57.09	
5:00 AM to 6:00 AM	57.3	61.6	59.96	

L_{min} : Minimum Noise level

L_{max} : Maximum Noise level

L_{eq} : Equivalent sound energy

Compiled by : (Signature)
Dr. Ajoy Paul

Envirocheck Seal
Date : 01.10.2021

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. (Formerly Known as – Impex Steel Ltd.)
Vill. – Nakrajoria, P.O + P.S – Salanpur, District – Paschim Burdwan

MONITORED BY :
ENVIROCHECK
189, Rastraguru Avenue,
Calcutta - 700 028

Report No : 251/EC/M/N/III/21-22

Sampling Locations :	Nakrajoria Village (1 km Distance from Plant)	Date of Study :	21.09.2021
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	44.6	51.6	49.38	53.38
7:00 AM to 8:00 AM	46.1	53.8	51.47	
8:00 AM to 9:00 AM	45.6	54.3	51.84	
9:00 AM to 10:00 AM	48.1	52.3	50.69	
10:00 AM to 11:00 AM	47.6	54.3	52.13	
11:00 AM to 12:00 PM	51.3	55.2	53.67	
12:00 PM to 1:00 PM	52.4	57.1	55.36	
1:00 PM to 2:00 PM	49.2	53.4	51.79	
2:00 PM to 3:00 PM	52.4	54.3	53.45	
3:00 PM to 4:00 PM	50.3	55.1	53.33	
4:00 PM to 5:00 PM	51.2	56.3	54.46	
5:00 PM to 6:00 PM	52.7	54.9	53.94	
6:00 PM to 7:00 PM	54.6	56.2	55.47	
7:00 PM to 8:00 PM	51.6	55.9	54.26	
8:00 PM to 9:00 PM	51.9	56.3	54.63	
9:00 PM to 10:00 PM	49.3	55.6	53.50	

Date of Study :	21.09.2021 to 22.09.2021	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	42.1	44.9	43.72	43.75
11:00 PM to 12:00 AM	39.6	44.1	42.41	
12:00 AM to 1:00 AM	42.1	44.6	43.53	
1:00 AM to 2:00 AM	40.3	45.2	43.41	
2:00 AM to 3:00 AM	41.6	46.2	44.48	
3:00 AM to 4:00 AM	42.9	45.1	44.14	
4:00 AM to 5:00 AM	42.3	44.6	43.60	
5:00 AM to 6:00 AM	41.9	45.9	44.35	

L_{min} : Minimum Noise level

L_{max} :Maximum Noise level

L_{eq} :Equivalent sound energy

Compiled by : (Signature)
Dr. Ajoy Paul

Envirocheck Seal
Date : 01.10.2021



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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Accredited by NABL (ISO/IEC 17025:2017)
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001 : 2018



NOISE MONITORING REPORT

Eloquent Steel Pvt. Ltd. (Formerly Known as – Impex Steel Ltd.)
Vill. – Nakrajoria, P.O + P.S – Salanpur, District – Paschim Burdwan

MONITORED BY :
ENVIROCHECK
189, Rastraguru Avenue,
Calcutta - 700 028

Report No : 251/EC/M/N/IV/21-22

Sampling Locations :	Near MMC Building (Back side of the Plant)	Date of Study :	21.09.2021
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	62.3	73.4	70.71	70.59
7:00 AM to 8:00 AM	64.6	74.7	72.09	
8:00 AM to 9:00 AM	67.3	73.6	71.50	
9:00 AM to 10:00 AM	65.9	70.3	68.63	
10:00 AM to 11:00 AM	68.1	75.1	72.88	
11:00 AM to 12:00 PM	67.3	73.4	71.34	
12:00 PM to 1:00 PM	69.2	73.1	71.57	
1:00 PM to 2:00 PM	68.6	69.2	68.91	
2:00 PM to 3:00 PM	65.3	70.4	68.56	
3:00 PM to 4:00 PM	66.9	68.1	67.54	
4:00 PM to 5:00 PM	67.2	71.6	69.93	
5:00 PM to 6:00 PM	68.9	72.6	71.13	
6:00 PM to 7:00 PM	65.9	74.2	71.79	
7:00 PM to 8:00 PM	66.8	73.4	71.25	
8:00 PM to 9:00 PM	63.3	71.6	69.19	
9:00 PM to 10:00 PM	64.2	69.9	67.92	

Date of Study :	21.09.2021 to 22.09.2021	Night time :	10 PM to 6 AM
-----------------	--------------------------	--------------	---------------

Time(hrs.)	L _{min}	L _{max}	L _{eq}	Night time L _{eq}
10:00 PM to 11:00 PM	62.5	67.6	65.76	66.40
11:00 PM to 12:00 AM	63.5	68.4	66.61	
12:00 AM to 1:00 AM	62.6	67.3	65.56	
1:00 AM to 2:00 AM	63.4	68.1	66.36	
2:00 AM to 3:00 AM	62.6	67.1	65.41	
3:00 AM to 4:00 AM	65.3	68.1	66.92	
4:00 AM to 5:00 AM	64.9	69.2	67.56	
5:00 AM to 6:00 AM	63.6	68.3	66.56	

L_{min} : Minimum Noise level

L_{eq} :Equivalent sound energy

Compiled by : (Signature)
Dr. Ajoy Paul

Envirocheck Seal
Date : 01.10.2021

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



Annexure-11B



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



FORMAT NO. : ENV/FM/58

TEST REPORT

1.	Name of the Industry	:	Eloquent Steel Pvt. Ltd. (Formerly Known as - Impex Steel 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/01
5.	Deviation from the Sampling Method & Plan	:	No
6.	Type of Sample	:	Work Zone Noise
7.	Sample ID	:	212/EC/M/N
8.	Report ID	:	212/EC/M/TR(N)/21-22
9.	Date of Study	:	21/09/2021
10.	Reporting Date	:	01/10/2021
11.	Method No.	:	IS: 9989 - 1981
12.	Time of Duration of Noise	:	20 Minutes
13.	Height from Ground Level	:	4 feet
14.	Sample Monitoring by	:	Mr. Biswarup Kundu

RESULT OF NOISE LEVEL STUDY

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

DAY TIME

1. Location : Ferro Alloy Plant (Ferro Division)

Sl. No.	Unit	Minimum dB(A)	Maximum dB(A)	Leq dB(A)	Remarks
01.	dB(A)	72.2	76.5	74.86	East Side
02.	dB(A)	70.2	75.8	73.85	West Side
03.	dB(A)	80.4	82.6	81.64	North Side
04.	dB(A)	70.6	74.8	73.19	South Side
Average dB(A) Leq				75.88	

Reviewed By:

Dy. Quality Manager

Approved By:

Quality Manager

>End of Report<

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 : info@envirocheck.org / envirocheck50@gmail.com / Website : www.envirocheck.org
Branch Office : ▪ Siliguri ▪ Haldia ▪ Durgapur ▪ Dhanbad ▪ Gangtok ▪ Port Blair ▪ Dehradun ▪ New Delhi
Overseas : ▪ UAE ▪ Qatar ▪ Netherlands



ENVIROCHECK

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Accredited by NABL (ISO/IEC 17025:2017)
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001 : 2018



FORMAT NO. : ENV/FM/58

TEST REPORT

1.	Name of the Industry	:	Eloquent Steel Pvt. Ltd. (Formerly Known as - Impex Steel 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/01
5.	Deviation from the Sampling Method & Plan	:	No
6.	Type of Sample	:	Work Zone Noise
7.	Sample ID	:	212/EC/M/N
8.	Report ID	:	212/EC/M/TR(N)/21-22
9.	Date of Study	:	21/09/2021
10.	Reporting Date	:	01/10/2021
11.	Method No.	:	IS: 9989 - 1981
12.	Time of Duration of Noise	:	20 Minutes
13.	Height from Ground Level	:	4 feet
14.	Sample Monitoring by	:	Mr. Biswarup Kundu

RESULT OF NOISE LEVEL STUDY

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

DAY TIME

2. Location : Induction Furnace Area - SMS Division

Sl. No.	Unit	Minimum dB(A)	Maximum dB(A)	Leq dB(A)	Remarks
01.	dB(A)	70.6	74.8	73.19	East Side
02.	dB(A)	72.4	76.6	74.99	West Side
03.	dB(A)	73.8	75.4	74.67	North Side
04.	dB(A)	72.2	74.0	73.19	South Side
Average dB(A) Leq				74.01	

Reviewed By:

Dy. Quality Manager

Approved By:

Quality Manager

>End of Report<

H.O. : 63/B, Rastraguru Avenue, Kolkata - 700028 { 033-25792891/25497490, Fax : 033-25299141
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Overseas : ▪ UAE ▪ Qatar ▪ Netherlands



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



FORMAT NO. : ENV/FM/58

TEST REPORT

1.	Name of the Industry	:	Eloquent Steel Pvt. Ltd. (Formerly Known as - Impex Steel 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/01
5.	Deviation from the Sampling Method & Plan	:	No
6.	Type of Sample	:	Work Zone Noise
7.	Sample ID	:	212/EC/M/N
8.	Report ID	:	212/EC/M/TR(N)/21-22
9.	Date of Study	:	21/09/2021
10.	Reporting Date	:	01/10/2021
11.	Method No.	:	IS: 9989 - 1981
12.	Time of Duration of Noise	:	20 Minutes
13.	Height from Ground Level	:	4 feet
14.	Sample Monitoring by	:	Mr. Biswarup Kundu

RESULT OF NOISE LEVEL STUDY

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

DAY TIME

3. Location : Near Raw Material Stock Yard - R.M Handling Section

Sl. No.	Unit	Minimum dB(A)	Maximum dB(A)	Leq dB(A)	Remarks
01.	dB(A)	62.3	65.5	64.19	East Side
02.	dB(A)	63.4	66.4	65.15	West Side
03.	dB(A)	62.8	67.7	65.91	North Side
04.	dB(A)	64.5	68.8	67.16	South Side
Average dB(A) Leq				65.60	

Reviewed By:

Dy. Quality Manager

Approved By:

Quality Manager

>End of Report<

Annexure-12

CSR ACTIVITIES BY ELOQUENT STEEL PVT. LTD. 2021



CSR ACTIVITIES BY ELOQUENT STEEL PVT. LTD. 2021



CSR ACTIVITIES BY ELOQUENT STEEL PVT. LTD. 2021

