

Ref: - ESPL/ISL/SMC/APR-2020 to SEPT-2020

Date: 01/12/2020

To,
The Dy. Director General of Forests (Central)
Eastern Regional Office,
Ministry of Environment Forests & Climate Change,
A/3, Chandrashekharpur, Bhubaneswar – 751023 (Odisha)

SUB: Six Monthly (Apr-2020 to Sept-2020) Compliance to Environmental Clearance conditions vide MoEF 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 Burdwan-713357, (WB)

Dear Sir,
With reference to above, we are submitting enclosed herewith the six monthly compliance report (Period Apr-2020 to Sept-2020) for M/s Eloquent Steel Pvt. Ltd. (Formerly Impex Steel Ltd.) Village -Nakrajoria, PO & PS-Salanpur, Dist.–Paschim Burdwan (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 your 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,
ADDA Commercial Market (2nd Floor), Oppo. Asansol Fire Station, GT Road, Asansol-713301
Dist-Paschim Burdwan (WB).

SIX MONTHLY COMPLIANCE REPORT

April, 2020 - September, 2020



Prepared by:

M/s Eloquent Steel Pvt. Ltd.

(Formerly M/s Impex Steel Limited)

Vill-Nakrajoria, PO-Salanpur, Dist-Paschim Burdwan-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-2020 TO SEPTEMBER-2020**

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 -12.04.2018. The Units were 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, 2020 to September, 2020.



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 J-11011/188/2011-IA.II(I) dated. 15 th October, 2020 |
| Period of Compliance Report | : | April 2020 to September 2020 |

| Sl. No. | Condition | Compliance |
|--------------------------------|--|--|
| A. 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. 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. Also ESPL has placed order for procurement of Continuous Emission Monitoring System to monitor the stack emission on regular basis. It will be installed within next 2-3 Months. Third party monitoring by NABL accredited laboratory being conducted periodically to evaluate the emission levels. Latest stack monitoring report is 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 (Fugitive Emission) 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, 2020 - September, 2020)**

**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 . |
| 7. | The hazardous slag generated from the furnace shall be disposed of in accordance with the Hazardous Waste (Management and Handling) Rules, 2003. | The slag generated from the furnace is non-hazardous in nature. 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-7 . |
| 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 Annexure-8 . |
| B. 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 strictly 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 dBA) 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 dBA (day time) and 70 dBA (night time). | 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 28 th 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 nd 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 emission level, noise and work zone monitoring. Reports are enclosed as Annexure-3, 4, 10, 11A & 11B . The company shall undertake the socio-economic development activities in the surrounding villages along with community development programmes and health care camps etc. with the normalization of Covid-19 situation. Some photographs of distribution of study material, hand sanitizer, mask, |



| | | |
|----|---|---|
| | | cloth etc. to the nearby village people 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. 0.25 Crores 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. It is also being uploaded periodically on the company's website: http://shakambhariapat.com/environmental-compliance |
| 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/ 17/14

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

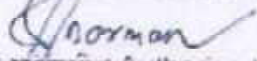
As per Deed Nos. : 1-4544, 1-4548, 1-4557, 1-4560, 1-4562, 1-4563, 1-4836, 1-4838, 1-4839, 1-4842, 1-4844, 1-4845, 1-4905, 1-4907, 1-4909, 1-4973, 1-4974, in the name of M/s. Impex Steel Ltd

- 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. AABC14019H) 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.

कृपेः STATE BANK OF INDIA
For STATE BANK OF INDIA



अनुमोदित
AUTHORISED OFFICER
Stressed Assets Management Branch
कालकता / 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-moefee@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@shakambhargroup.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-11011/188/2011-1A.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(1) 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, Chandrasekharapur, 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 1, 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, ISO14001:2015 & OHSAS 18001:2007



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 | : 23.09.2020 |
| | | Analysis completed on | : 30.09.2020 – 01.10.2020 |
| | | Date of Issue | : 05.10.2020 |
| Sampling Plan & Procedure | : ENV/SOP/01 | Deviation from the Sampling Method and Plan | : No |
| Sample ID No. | : ENV/38/Sep./A/I | Report No. | : ENV/38/Sep./TR(A)/I/20-21 |

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.) [756 bags in each Bag Filter] |

B. RESULTS

| SL. NO. | PARAMETERS | UNIT | METHOD NO. | RESULTS |
|---------|-------------------------------------|----------------------|---|-----------|
| 1. | Flue Gas Temperature | °C | IS : 11255 (Part 1) | : 71.0 |
| 2. | Barometric Pressure | mm of Hg. | -- | : 754.0 |
| 3. | Velocity of Gas flow | m/s | IS : 11255 (Part 3) | : 12.37 |
| 4. | Quantity of Gas flow | Nm ³ /hr. | IS : 11255 (Part III) | : 76867.7 |
| 5. | Concentration of SO ₂ | mg/Nm ³ | IS 11255 (Part 2) 1985 RA 2003 | : 21.83 |
| 6. | Concentration of CO ₂ | % (v/v) | IS 13270 1992 RA 2003 | : 1.6 |
| 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 | : 35.31 |

Remarks :

Reviewed By :

(Durbadal Chakraborty, Dy. Quality Manager)

Approved By :

(Dr. Ajoy 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.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

Recognised by MoEF&CC, WBPCB & JSPCB
Accredited by NABL (ISO/IEC 17025:2017)
Certified by ISO 9001:2015, ISO14001:2015 & OHSAS 18001:2007



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. – PaschimBardhaman | Sampling Date | : 23.09.2020 |
| | | Analysis completed on | : 30.09.2020 – 01.10.2020 |
| | | Date of Issue | : 05.10.2020 |
| Sampling Plan & Procedure | : ENV/SOP/01 | Deviation from the Sampling Method and Plan | : No |
| | | Type of Sample | : Source Emission |
| Sample ID No. | : ENV/38/Sep./A/II | Report No. | : ENV/38/Sep./TR(A)/II/20-21 |

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.) [756 bags in each Bag Filter] |

B. RESULTS

| SL. NO. | PARAMETERS | UNIT | METHOD NO. | RESULTS |
|---------|-------------------------------------|----------------------|---|------------|
| 1. | Flue Gas Temperature | °C | IS : 11255 (Part 1) | : 68.4 |
| 2. | Barometric Pressure | mm of Hg. | -- | : 754.0 |
| 3. | Velocity of Gas flow | m/s | IS : 11255 (Part 3) | : 14.06 |
| 4. | Quantity of Gas flow | Nm ³ /hr. | IS : 11255 (Part III) | : 88026.63 |
| 5. | Concentration of SO ₂ | mg/Nm ³ | IS 11255 (Part 2) 1985 RA 2003 | : 26.23 |
| 6. | Concentration of CO ₂ | % (v/v) | IS 13270 1992 RA 2003 | : 1.4 |
| 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 | : 45.03 |

Remarks :

Reviewed By :

(Durbadal Chakraborty, Dy. Quality Manager)

Approved By :

(Dr. Ajoy Paul, Quality Manager)

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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
Accredited by NABL (ISO/IEC 17025:2017)
Certified by ISO 9001:2015, ISO14001:2015 & OHSAS 18001:2007



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. – PaschimBardhaman | Sampling Date | : 23.09.2020 | | |
| | | Analysis completed on | : 30.09.2020 – 01.10.2020 | | |
| | | Date of Issue | : 05.10.2020 | | |
| Sampling Plan & Procedure | : ENV/SOP/01 | Deviation from the Sampling Method and Plan | : No | Type of Sample | : Work Zone |
| Sample ID No. | : ENV/38/Sep./A/VI | Report No. | : ENV/38/Sep./TR(A)/VI/20-21 | | |

A) GENERAL INFORMATION

1. Location of Sampling : Inside the Ferro Division
2. Duration of Sampling : 08 hrs. (10:30 a.m. – 06:30 p.m.)

B) METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 35.0
2. Average Relative Humidity (%) : 78.0
3. Barometric Pressure (mm of Hg) : 754.0
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 | 478.50 |

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. – PaschimBardhaman | Sampling Date | : 23.09.2020 | | |
| | | Analysis completed on | : 30.09.2020 – 01.10.2020 | | |
| | | Date of Issue | : 05.10.2020 | | |
| Sampling Plan & Procedure | : ENV/SOP/01 | Deviation from the Sampling Method and Plan | : No | Type of Sample | : Work Zone |
| Sample ID No. | : ENV/38/Sep./A/VI | Report No. | : ENV/38/Sep./TR(A)/VI/20-21 | | |

A] GENERAL INFORMATION

1. Location of Sampling : Inside the Ferro Division
2. Duration of Sampling : 08 hrs. (10:30 a.m. – 06:30 p.m.)

B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 35.0
2. Average Relative Humidity (%) : 78.0
3. Barometric Pressure (mm of Hg) : 754.0
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 | 6.20 |
| 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 | 28.30 |

Remarks :

Reviewed By :

(Durbadal Chakraborty, Dy. Quality Manager)

Approved By :

(Dr. Ajoy Paul, Quality Manager)

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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, ISO14001:2015 & OHSAS 18001:2007



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. – PaschimBardhaman | Sampling Date | : 23.09.2020 | | |
| | | Analysis completed on | : 30.09.2020 – 01.10.2020 | | |
| | | Date of Issue | : 05.10.2020 | | |
| Sampling Plan & Procedure | : ENV/SOP/01 | Deviation from the Sampling Method and Plan | : No | Type of Sample | : Work Zone |
| Sample ID No. | : ENV/38/Sep./A/VII | Report No. | : ENV/38/Sep./TR(A)/VII/20-21 | | |

A) GENERAL INFORMATION

1. Location of Sampling : Inside the Plant (Near Induction Furnace Area)
2. Duration of Sampling : 08 hrs. (10:50 a.m. – 06:50 p.m.)

B) METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 32.0
2. Average Relative Humidity (%) : 72.0
3. Barometric Pressure (mm of Hg) : 754.0
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 | 510.80 |

Remarks :

Reviewed By :

(Durbadal Chakraborty, Dy. Quality Manager)

Approved By :

(Dr. Ajoy Paul, Quality Manager)



ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB
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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. – Nakraoria, P.O. + P.S. – Salanpur, Dist. – PaschimBardhaman | Sampling Date | : 23.09.2020 | | |
| | | Analysis completed on | : 30.09.2020 – 01.10.2020 | | |
| | | Date of Issue | : 05.10.2020 | | |
| Sampling Plan & Procedure | : ENV/SOP/01 | Deviation from the Sampling Method and Plan | : No | Type of Sample | : Work Zone |
| Sample ID No. | : ENV/38/Sep./A/VII | Report No. | : ENV/38/Sep./TR(A)/VII/20-21 | | |

A] GENERAL INFORMATION

1. Location of Sampling : Inside the Plant (Near Induction Furnace Area)
2. Duration of Sampling : 08 hrs. (10:50 a.m. – 06:50 p.m.)

B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 32.0
2. Average Relative Humidity (%) : 72.0
3. Barometric Pressure (mm of Hg) : 754.0
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 | 8.20 |
| 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 | 26.50 |

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, ISO14001:2015 & OHSAS 18001:2007



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. – PaschimBardhaman | Sampling Date | : 23.09.2020 |
| | | Analysis completed on | : 30.09.2020 – 01.10.2020 |
| | | Date of Issue | : 05.10.2020 |
| Sampling Plan & Procedure | : ENV/SOP/01 | Deviation from the Sampling Method and Plan | : No |
| | | Type of Sample | : Work Zone |
| Sample ID No. | : ENV/38/Sep./A/VIII | Report No. | : ENV/38/Sep./TR(A)/VIII/20-21 |

A] GENERAL INFORMATION

1. Location of Sampling : Near Raw Material Stock Yard
2. Duration of Sampling : 08 hrs. (11:20 a.m. – 07:20 p.m.)

B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 31.6
2. Average Relative Humidity (%) : 76.5
3. Barometric Pressure (mm of Hg) : 754.0
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 | 490.8 |

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. – PaschimBardhaman | Sampling Date | : 23.09.2020 | | |
| | | Analysis completed on | : 30.09.2020 – 01.10.2020 | | |
| | | Date of Issue | : 05.10.2020 | | |
| Sampling Plan & Procedure | : ENV/SOP/01 | Deviation from the Sampling Method and Plan | : No | Type of Sample | : Work Zone |
| Sample ID No. | : ENV/38/Sep./A/VIII | Report No. | : ENV/38/Sep./TR(A)/VIII/20-21 | | |

A] GENERAL INFORMATION

1. Location of Sampling : Near Raw Material Stock Yard
2. Duration of Sampling : 08 hrs. (11:20 a.m. – 07:20 p.m.)

B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 31.6
2. Average Relative Humidity (%) : 76.5
3. Barometric Pressure (mm of Hg) : 754.0
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 | 6.80 |
| 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 | 25.0 |

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. bharam 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.
A
- (f) Specimen signature of the user : Virendra Kumar Jain
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.



S. G. Ghosh
Signature of the Issuing Authority
Geologist & Member 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/359A/S/M/20-21
4. Date of sampling : 24.09.2020
5. Reporting Date : 03.10.2020
6. Type of sample : Slag
7. Location : SMS Slag

| <u>Sl. No.</u> | <u>PARAMETERS</u> | <u>METHOD</u> | <u>UNIT</u> | <u>RESULTS</u> |
|----------------|-------------------|---|-------------|----------------|
| 1. | Iron (Fe) | EPA 1311 : 1992 EPA 3050 B, 1996/EPA 200.9 : 1998 | mg./l | 9.50 |
| 2. | Zinc (Zn) | EPA 1311 : 1992 APHA 23 rd Ed., 3111 B : 2017 | mg./l | 6.80 |
| 3. | Copper (Cu) | EPA 1311 : 1992 EPA 3050 B, 1996/EPA 200.6 : 1998 | mg./l | 4.50 |
| 4. | Nickel (Ni) | EPA 1311 : 1992 APHA 23 rd Ed., 3111 B : 2017 | mg./l | 4.20 |
| 5. | Lead (Pb) | EPA 1311 : 1992 EPA 3050 B, 1996/EPA 200.9 : 1998 | mg./l | 1.20 |
| 6. | Cadmium (Cd) | EPA 1311 : 1992 EPA 3050 B, 1996/IS 3050 (Part 46) | mg./l | <0.002 |

Authorised Signatory :

DR. AJOY PAUL
Scientist

Annexure-7

PLANTATION INSIDE THE PLANT BY INDIGENOUS SPECIES







Annexure-8

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

Date: 13/07/2020

| Sl. No. | Employee's Name (Mr.) | Father's name (Shri) | Designation | D.O.B. | PARAMETERS | | | | | | | | | | Eye Vision(Distance) | Eye Vision(Near) | Colour Vision | Remarks |
|---------|-------------------------|--------------------------|---------------------|-------------|------------|-----|--------|-----------|-------------|-----------|----------|--------|------------|--------|---|--------------------------------|---------------|---------|
| | | | | | Weight | PR | BP | CBG | Blood Group | RH factor | ECG | X-RAY | Audiometry | | | | | |
| 1 | T N Patro | T A Patro | General Manager | 05-Jan-1987 | 76 Kg | | 130/80 | | | | | Normal | | Normal | Distance 6/6 | N6 Near | Normal | |
| 2 | Abhay Kumar Shrivastava | Binod Prasad Shrivastava | Furnish In Charge | 05-Jan-1987 | 95 Kg | 118 | 140/90 | 156 mg/dl | "O" | Positive | Normal | | | | Distance 6/6 | N6 Near | Normal | |
| 3 | Abhijit Kumbhakar | Rasudeb kumbhakar | Shift Incharge | 28-Jan-1987 | 61 Kg | 92 | 108/80 | 99 mg/dl | "O" | Positive | | | | | | | | |
| 4 | Sanjib Ghosh | Haradhan Ghosh | Control Room Ope | 05-Jan-1986 | 64 Kg | 97 | 110/80 | 124 mg/dl | "B" | Positive | | | Normal | | Distance 6/6 | N6 Near | Normal | |
| 5 | Keshab Mahara | Bara Ramu Mahara | Forklift Operator | 28-Dec-1978 | 68 Kg | 90 | 130/80 | 409 mg/dl | "B" | Positive | Normal | Normal | Normal | | Distance 6/6 | N6 with glass +1.50 D(BE) | Normal | |
| 6 | Pradip Mahato | Durjodhan Mahato | Tapper | 09-Apr-1978 | 82 Kg | 75 | 120/70 | 135 mg/dl | "A" | Positive | Abnormal | Normal | Normal | | Distance 6/6 | Near (+1.50 D) wh glass | Normal | |
| 7 | James Mehta | Joshef Meheta | Buffer Operator | 01-Jan-1981 | 70 Kg | 102 | 120/90 | 161 mg/dl | "A" | Positive | Normal | Normal | Normal | | Distance 6/6 | N6 with glass (+1.50 D) | Normal | |
| 8 | Munna Hela | Banarash Hela | Supervisor-Raw Mat. | 17-Apr-1984 | 84 Kg | 86 | 110/70 | 96 mg/dl | "A" | Positive | Normal | Normal | Normal | | Distance 6/6 | N6 Near | Normal | |
| 9 | Nishith Layek | Ranjit Layek | Batch Operator | 12-Oct-1983 | 56 Kg | 99 | 140/90 | 119 mg/dl | "AB" | Positive | | | Normal | | Distance 6/6 | N6 Near | Normal | |
| 10 | Santosh Mandal | Rajkumar Mandal | JCB Operator | 01-Jan-1990 | 59 Kg | 90 | 100/90 | 180 mg/dl | "A" | Positive | Normal | Normal | Normal | | Distance 6/6 | N6 Near | Normal | |
| 11 | Gopikanta Dey | Sunil Kumar Dey | Electrician | 17-Feb-1987 | 71 Kg | 74 | 100/80 | 96 mg/dl | "O" | Positive | Normal | Normal | Normal | | Distance 6/6 | N6 Near | Normal | |
| 12 | Mohan Bhandari | Ratan Bhandari | Electrician | 26-Jan-1980 | 59 Kg | 96 | 110/90 | 128 mg/dl | "B" | Positive | | Normal | Normal | | Distance 6/6 | N6 Near | Normal | |
| 13 | Manabendra Nayak | Dip Nayak | Helper | 21-Mar-1987 | 71 Kg | 105 | 140/90 | 141 mg/dl | "B" | Positive | Normal | Normal | Normal | | Distance 6/6 | N6 Near | Normal | |
| 14 | Snehasis Mandal | Amarsankar Mondal | Shift Incharge | 02-May-1986 | 70 Kg | 86 | 130/80 | 107 mg/dl | "B" | Positive | Normal | Normal | Normal | | Distance 6/6 | N6 Near | Normal | |
| 15 | Kuldeep Ray | Manmohan Ray | Foreman | 05-Nov-1984 | 70 Kg | 104 | 130/90 | 260 mg/dl | "B" | Positive | Normal | | Normal | | Distance 6/6 | N6 with glass(+1.00) BE | Normal | |
| 16 | MD Noushad | MD Moin | Fitter | 05-Apr-1988 | 72 Kg | 100 | 130/80 | 262 mg/dl | "B" | Positive | Normal | | Normal | | Distance 6/6 | N6 Near | Normal | |
| 17 | Bishwajit Pal | Rampaca Pal | Fitter | 22-Aug-1984 | 71 kg | | 110/70 | 133 mg/dl | "O" | Positive | Normal | Normal | Normal | | Distance 6/6 | N6 Near | Normal | |
| 18 | Tapas Nath | Ujjal Nath | Welder | 28-Mar-1993 | 71 Kg | | 120/70 | 118 mg/dl | "A" | Positive | Normal | Normal | Normal | | Distance 6/6 | N6 Near | Normal | |
| 20 | Soumen Roy | Lt Chandidas Roy | Executive | 09-Jan-1969 | 61 Kg | 115 | 170/90 | 116 mg/dl | | | | | | | Dist. RE=+1.50D,LE=+1.0 OD with glass | N6 with glass(+2.25D) BE | Normal | |
| 21 | Surendra Mishra | Lt. Sudama Mishra | Officer | 10-Feb-1980 | 84 Kg | 113 | 136/97 | | | | | | Normal | | Distance 6/6 | N6 Near | Normal | |
| 22 | Bipad Teran Mondal | Terun Mondal | Assistant | 20-Jul-1996 | 49 Kg | | 110/70 | 102 mg/dl | "O" | Positive | | | | Normal | Distance 6/6 | N6 Near | Normal | |
| 23 | Anup Kumar Mondal | Bishnupada Mondal | Helper | 10-Jan-1979 | 52 Kg | 80 | 120/90 | 97 mg/dl | "A" | Positive | Normal | | Normal | | Distance 6/6 | Near BE=+1.50D | Normal | |
| 24 | Bijoy Das | Rabi Das | Shift Incharge | 05-May-1989 | 74 Kg | 83 | 130/90 | 133 mg/dl | "AB" | Positive | Normal | Normal | Normal | | Distance 6/6 | N6 Near | Normal | |
| 25 | Sujit Kumar Roy | Lt Jogesh Chandra Roy | MIS Assistant | 27-Sep-1985 | 64 Kg | 70 | 130/80 | 162 mg/dl | "A" | Positive | Normal | | Normal | | Distance 6/6 | N6 Near | Normal | |
| 26 | Arun Kumar Yadav | Jagdish Prasad Yadav | Supervisor | 28-May-1981 | 69 Kg | 80 | 120/80 | 148 mg/dl | "B" | Positive | | | Normal | | Distance 6/6 | N6 Near | Normal | |
| 27 | Manas Kumar Das | Srimanta Das | Engineer | 12-Dec-1994 | 55 Kg | 118 | 130/90 | 120 mg/dl | "O" | Positive | | Normal | Normal | | Distance 6/6 | N6 Near | Normal | |
| 28 | Shubhadip Pati | Probodh Kumar Pati | Engineer | 05-Feb-1986 | 69 Kg | 84 | 140/90 | 100 mg/dl | "O" | Positive | Normal | Normal | Normal | | Distance 6/6 | N6 Near | Normal | |
| 29 | Niraj Tiwari | Pradip Kumar Tiwari | Executive | 17-Apr-1986 | 78 Kg | 100 | 110/70 | 169 mg/dl | "O" | Positive | | | Normal | | | | | |
| 30 | Deepak Kumar Pandey | Surendra Pandey | Electrician | 13-Jun-1998 | 50 Kg | 80 | 130/70 | 95 mg/dl | "B" | Positive | | | Normal | | Distance 6/6 | N6 Near | Normal | |
| 31 | Monikachan Ghoshal | Krishna Prasad Ghosal | Batch Operator | 07-Dec-1992 | 74 Kg | 75 | 100/70 | 99 mg/dl | "B" | Positive | | | | | Distance 6/6 | N6 Near | Normal | |
| 32 | Bablu Lohar | Haradhan Lohar | Fitter | 02-Mar-1983 | 65 Kg | 108 | 120/80 | 108 mg/dl | "O" | Positive | Normal | | Normal | | Distance 6/6 | N6 Near BE | Normal | |
| 33 | Sakti Pada Paul | Late Amulya Paul | Fitter | 24-Oct-1976 | 81 Kg | | 120/80 | | "O" | Positive | Normal | Normal | Normal | | | | | |

Dr. Sujit Kumar Sarkar
 Medical Superintendent
 33724-WBMC
 TRIVEYABANDA HOSPITAL
 Signature of Doctor

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

Date: 13/07/2020

| Sl. No. | Employee's Name (Mr.) | Father's name (Shri) | Designation | D.O.B. | PARAMETERS | | | | | | | | | | | | Remarks | |
|---------|-----------------------|-------------------------|-------------------------|-------------|------------|-----|---------|-----------|-------------|-----------|----------|--------|------------|----------------------|---|----------------------------|---------|--|
| | | | | | Weight | PR | BP | CBG | Blood Group | RH factor | ECG | X-RAY | Audiometry | Eye Vision(Distance) | Eye Vision(Near) | Colour Vision | | |
| 34 | Arun Paul | Narayan Chandra Pal | Officer | 02-Nov-1978 | 86 Kg | 100 | 120/90 | 134 mg/dl | | | | | | Normal | Distance 6/6 | N6 with glass(+1.50D) Near | Normal | |
| 35 | Aniket Majumdar | Kalyan Majumdar | Batch Operator | 09-Jul-1994 | 75 Kg | | 120/80 | 125 mg/dl | "O" | Positive | Normal | | | | Distance 6/9 (+1.00) BE | N6 Near | Normal | |
| 36 | Nandu Kumar | Sambhu Gond | Foreman | 01-Jan-1980 | 86 Kg | 82 | 140/90 | 108 mg/dl | "B" | Positive | Normal | Normal | Normal | Normal | Distance 6/6 | NV N6 BE | Normal | |
| 37 | Kiran Mahata | Kshudiram Mahata | Executive | 23-Apr-1986 | 69 Kg | 89 | 120/70 | 126 mg/dl | "O" | Positive | Normal | Normal | Normal | Normal | Distance 6/6 | N6 Near | Normal | |
| 38 | Panchanan Malik | Sunil Maik | Welder | 02-Jan-1995 | 50Kg | 100 | 140/80 | 128mg/dl | "A" | Positive | | | | | Distance 6/6 | N6 Near | Normal | |
| 39 | Paramjit Singh | Lt. Gurdev Singh | Incharge | 23-Jan-1979 | 73 Kg | 84 | 117/76 | 104 mg/dl | "O" | Positive | Normal | Normal | Normal | Normal | Distance 6/6 | Near=+1.00(BE) | Normal | |
| 40 | Rakesh Kumar | Shrikant Yadav | Electrician | 08-Sep-1988 | 60 Kg | | 110/70 | 119 mg/dl | "B" | Positive | Normal | | | Normal | | | | |
| 41 | Dharmendra Mondal | Basanta Mondal | Fitter | 01-Jan-1990 | 46 Kg | 76 | 100/70 | 87 mg/dl | "B" | Positive | Normal | Normal | | | Distance 6/6 | N6 Near | Normal | |
| 42 | Chandan Mondal | Ajit Kumar Mondal | Helper | 01-Jan-1991 | 56 Kg | 85 | 100/80 | 182 mg/dl | "O" | Positive | Normal | Normal | Normal | Normal | Distance 6/6 | N6 Near | Normal | |
| 43 | Dipak Tewary | Chotela Tiwary | Fitter | 21-May-1989 | 69 Kg | 84 | 130/80 | 109 mg/dl | "O" | Negative | Normal | Normal | | | Distance 6/6 | N6 Near | Normal | |
| 44 | Rajesh Singh | Late Brjanandan Singh | Electrician | 02-Feb-1977 | 64 Kg | 103 | 140/90 | 140 mg/dl | "B" | Positive | | | | Normal | | | | |
| 45 | Dilip Kumar Pradhan | Udayan Pradhan | Technician | 20-Apr-1986 | 70 Kg | 82 | 100/70 | 92 mg/dl | | | Normal | Normal | Normal | Normal | Distance 6/6 | N6 Near | Normal | |
| 46 | Santanu Chatterjee | Goutam Chatterjee | Assistant | 02-Dec-1988 | 58 Kg | 84 | 130/90 | 103 mg/dl | | | Normal | | | Normal | Distance 6/6 | N6 Near | Normal | |
| 47 | Sonu Srivastav | Manoj Srivastav | Helper | 26-Apr-1999 | 50 Kg | 87 | 109/74 | 103 mg/dl | "O" | Positive | Normal | Normal | Normal | Normal | Distance 6/6 | N6 Near | Normal | |
| 48 | Vishal Kumar Sharma | Netwar Lal Sharma | Executive | 26-Apr-1993 | 71 Kg | 96 | 100/70 | 83 mg/dl | "B" | Positive | Normal | Normal | Normal | Normal | Distance 6/6 | N6 Near | Normal | |
| 49 | Rajib Mahata | Late Madhusudan Mahata | Shift Incharge | 11-Sep-1987 | 75 Kg | 76 | 140/90 | 148 mg/dl | "B" | Positive | Normal | Normal | Normal | Normal | Distance 6/6 | N6 Near | Normal | |
| 50 | Manas Ranjan Patra | Tapan Kumar Patra | Assistant Manager | 02-Apr-1988 | 57 Kg | 90 | 120/80 | 145 mg/dl | "O" | Positive | Normal | Normal | Normal | Normal | Distance 6/6 | N6 Near | Normal | |
| 51 | Saibal Chatterjee | Siddhartha Chatterjee | Fitter | 23-Jul-1982 | 57 Kg | 109 | 136/70 | 127 mg/dl | "O" | Positive | | | | | Distance 6/6 | N6 Near | Normal | |
| 52 | Rashid Ansari | Jabbar Ansan | Welder | 01-Jan-1991 | 56 Kg | 74 | 140/80 | 119 mg/dl | "O" | Positive | Normal | Normal | Normal | Normal | Distance 6/6 | N6 Near | Normal | |
| 53 | Surendra Sharma | Fulchandan Sharma | Fitter | 01-Jan-1991 | 60 Kg | 106 | 140/90 | 157 mg/dl | "A" | Positive | Normal | Normal | Normal | Normal | Distance 6/6 | N6 Near | Normal | |
| 54 | Suraj Harjan | Arun Harjan | Helper | 25-Jul-1996 | 66 Kg | 93 | 150/90 | 193 mg/dl | "A" | Positive | Normal | Normal | Normal | Normal | Distance 6/6 | N6 Near | Normal | |
| 55 | Jagannath Bera | Rabindranath Bera | Assistant Safty Officer | 30-Jun-1995 | 70 Kg | | 110/70 | | | | | | | | 6/9 Distance, (BE=-0.75D)6/6 with glass | N6 BE Near | Normal | |
| 56 | Anupam Pal | Shaktibaran Paul | Senior Executive | 28-Jun-1986 | 76 Kg | 67 | 120/80 | 96 mg/dl | "B" | Positive | Normal | Normal | | | Distance 6/6 | N6 Near | Normal | |
| 57 | Sanjay Kumar Singh | Late Bangali Singh | Senior Manager | 25-Sep-1973 | 76 Kg | 111 | 144/90 | 109 mg/dl | "AB" | Positive | | | | Normal | Distance 6/6 | N6 with glass(+1.50D) BE | Normal | |
| 58 | Gopal Yadav | Late Gejo Yadav | Executive | 12-Jan-1976 | 73 Kg | 96 | 130/90 | 90 mg/dl | "A" | Positive | Normal | | | Normal | Distance 6/6 | N6 with glass(+1.50D) | Normal | |
| 59 | Sk Noor Alam | Sk. Ramjan | Auto | 08-Mar-1990 | 54 Kg | 70 | 100/90 | 104 mg/dl | "B" | Positive | Normal | Normal | Normal | Normal | Distance 6/6 | N6 Near | Normal | |
| 60 | Sanjeev Kumar Singh | Lt. Umesh Chandra Singh | Executive | 27-Dec-1975 | 71 Kg | 104 | 150/100 | 151 mg/dl | | | | | | Normal | Distance 6/6 | N6 Near | Normal | |
| 61 | Parimal Bauri | Ajit Bauri | Fitter | 08-Oct-1984 | 79 Kg | 90 | 120/90 | 107 mg/dl | | | Normal | | | Normal | | | | |
| 62 | Hanhar Paswan | Somaru Prasad | Fitter | 01-Jan-1972 | 49 Kg | 97 | 160/80 | 133 mg/dl | "B" | Positive | Normal | | | Normal | Distance 6/6 | N6 Near with glass(+1.50D) | Normal | |
| 63 | Rahul Chatterjee | Sanjit Chatterjee | Executive | 18-Aug-1993 | 60 Kg | | 110/80 | | "A" | Negative | | | | | Distance 6/6 with glass(-0.25D) | Near N6 BE | Normal | |
| 64 | Prakash Das | Jiban Das | Forklift Operator | 28-Mar-1993 | 62 Kg | 80 | 130/80 | 92 mg/dl | "O" | Positive | Abnormal | Normal | Normal | Normal | Distance 6/6 | N6 Near | Normal | |
| 65 | Soumitra Ganguly | Joydev Ganguly | Supervisor-Raw Mat. | 25-Feb-1985 | 61 Kg | 101 | 110/70 | 117 mg/dl | "AB" | Positive | Abnormal | Normal | Normal | Normal | Distance 6/6 | N6 Near | Normal | |


Dr. Sujit Kumar Sarker
 Medical Superintendent
 33724 WBMC
 WIVEKANANDA HOSPITAL
 Signature of Doctor

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 - H.P.B.A./Regd (Bsm)/cont (SBI)/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 VII - 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.)



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 Sank 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.....

(4)

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. - Salarpur, 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]

(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 - Nakrajoria
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. | |
| | | | | |
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09. The Applicant falls in theCategory 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.)

Continued.....

Consent to ⁽⁵⁾ M/s Eloquent Steel Pvt Ltd (Formerly known as M/s Im Steel Ltd) for its unit at Vill. - Nakparjoria 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 |
|---------------|---------------|-----------|------------------|
| FR-Mn Slag | 250 MT/month | — | Recycled |
| SI-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
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.)

Annexure-10



ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB
Accredited by NABL (ISO/IEC 17025:2017)
Certified by ISO 9001:2015, ISO14001:2015 & OHSAS 18001:2007



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. - PaschimBardhaman | Sampling Date | : 23.09.2020 - 24.09.2020 | | |
| | | Analysis completed on | : 30.09.2020 - 01.10.2020 | | |
| | | Date of Issue | : 05.10.2020 | | |
| Sampling Plan & Procedure | : ENV/SOP/01 | Deviation from the Sampling Method and Plan | : No | Type of Sample | : Ambient Air |
| Sample ID No. | : ENV/38/Sep./A/III | Report No. | : ENV/38/Sep./TR(A)/III/20-21 | | |

A] GENERAL INFORMATION

1. Location of Sampling : Near Administrative Building
2. Duration of Sampling : 24 hrs. (10:00 a.m. - 10:00 a.m.)

B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 29.0
2. Average Relative Humidity (%) : 80.0
3. Barometric Pressure (mm of Hg) : 754.0
4. Smell or Odour : No Remarkable Smell
5. Weather Condition : Partly Cloudy

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 | 53.33 |
| 2. | Concentration of PM ₁₀ | µg/m ³ | IS 5182 (PART 23) : 2006 | 81.22 |
| 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 | 6.28 |
| 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 | 26.50 |
| 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 | 0.18 |
| 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 |

Remarks :

Reviewed By :

(Durbadal Chakraborty, Dy. Quality Manager)

Approved By :

(Dr. Ajoy 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.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

Recognised by MoEF&CC, WBPCB & JSPCB
Accredited by NABL (ISO/IEC 17025:2017)
Certified by ISO 9001:2015, ISO14001:2015 & OHSAS 18001:2007



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. - PaschimBardhaman | Sampling Date | : 23.09.2020 - 24.09.2020 | | |
| | | Analysis completed on | : 30.09.2020 - 01.10.2020 | | |
| | | Date of Issue | : 05.10.2020 | | |
| Sampling Plan & Procedure | : ENV/SOP/01 | Deviation from the Sampling Method and Plan | : No | Type of Sample | : Ambient Air |
| Sample ID No. | : ENV/38/Sep./A/IV | Report No. | : ENV/38/Sep./TR(A)/IV/20-21 | | |

A] GENERAL INFORMATION

1. Location of Sampling : Nakrajoria Village (1 km. Distance from Plant)
2. Duration of Sampling : 24 hrs. (10:40 a.m. - 10:40 a.m.)

B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 29.0
2. Average Relative Humidity (%) : 80.0
3. Barometric Pressure (mm of Hg) : 754.0
4. Smell or Odour : No Remarkable Smell
5. Weather Condition : Partly Cloudy

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 | 46.62 |
| 2. | Concentration of PM ₁₀ | µg/m ³ | IS 5182 (PART 23) : 2006 | 79.8 |
| 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 | 5.23 |
| 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 | 20.0 |

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, ISO14001:2015 & OHSAS 18001:2007



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. - PaschimBardhaman | Sampling Date | : 23.09.2020 - 24.09.2020 | | |
| | | Analysis completed on | : 30.09.2020 - 01.10.2020 | | |
| | | Date of Issue | : 05.10.2020 | | |
| Sampling Plan & Procedure | : ENV/SOP/01 | Deviation from the Sampling Method and Plan | : No | Type of Sample | : Ambient Air |
| Sample ID No. | : ENV/38/Sep./A/V | Report No. | : ENV/38/Sep./TR(A)/V/20-21 | | |

A] GENERAL INFORMATION

1. Location of Sampling : Near M.C.C. Building (Back Side of the Plant)
2. Duration of Sampling : 24 hrs. (11:20 a.m. - 11:20 a.m.)

B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 29.0
2. Average Relative Humidity (%) : 80.0
3. Barometric Pressure (mm of Hg) : 754.0
4. Smell or Odour : No Remarkable Smell
5. Weather Condition : Partly Cloudy

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 | 52.47 |
| 2. | Concentration of PM ₁₀ | µg/m ³ | IS 5182 (PART 23) : 2006 | 81.20 |
| 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 | 6.23 |
| 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 | 23.52 |

Remarks :

Reviewed By :

(Durbadal Chakraborty, Dy. Quality Manager)

Approved By :

(Dr. Ajoy Paul, Quality Manager)

Annexure-11A



ENVIROCHECK

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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 : 64/EC/M/N/I/20-21

| | | | |
|----------------------|------------------------------|-----------------|---------------|
| Sampling Locations : | Near Administrative Building | Date of Study : | 23/09/2020 |
| 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 | 58.7 | 63.5 | 61.73 | 64.48 |
| 7:00 AM to 8:00 AM | 58.2 | 65.9 | 63.57 | |
| 8:00 AM to 9:00 AM | 59.7 | 66.8 | 64.56 | |
| 9:00 AM to 10:00 AM | 58.4 | 61.3 | 60.09 | |
| 10:00 AM to 11:00 AM | 61.2 | 63.7 | 62.63 | |
| 11:00 AM to 12:00 PM | 61.9 | 63.4 | 62.71 | |
| 12:00 PM to 1:00 PM | 63.1 | 65.6 | 64.53 | |
| 1:00 PM to 2:00 PM | 62.3 | 64.1 | 63.29 | |
| 2:00 PM to 3:00 PM | 63.1 | 69.9 | 67.71 | |
| 3:00 PM to 4:00 PM | 63.2 | 70.5 | 68.23 | |
| 4:00 PM to 5:00 PM | 60.2 | 69.8 | 67.24 | |
| 5:00 PM to 6:00 PM | 64.2 | 68.5 | 66.86 | |
| 6:00 PM to 7:00 PM | 63.1 | 65.2 | 64.28 | |
| 7:00 PM to 8:00 PM | 60.1 | 62.3 | 61.34 | |
| 8:00 PM to 9:00 PM | 58.2 | 61.6 | 60.22 | |
| 9:00 PM to 10:00 PM | 56.6 | 60.0 | 58.62 | |

| | | | |
|-----------------|--------------------------|--------------|---------------|
| Date of Study : | 23/09/2020 to 24/09/2020 | 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 | 54.2 | 59.9 | 57.92 | 53.68 |
| 11:00 PM to 12:00 AM | 50.1 | 58.6 | 56.16 | |
| 12:00 AM to 1:00 AM | 52.1 | 54.3 | 53.34 | |
| 1:00 AM to 2:00 AM | 50.1 | 52.1 | 51.21 | |
| 2:00 AM to 3:00 AM | 48.3 | 51.1 | 49.92 | |
| 3:00 AM to 4:00 AM | 50.2 | 52.1 | 51.25 | |
| 4:00 AM to 5:00 AM | 47.3 | 51.7 | 50.03 | |
| 5:00 AM to 6:00 AM | 50.7 | 52.8 | 51.88 | |

L_{min} : Minimum Noise level

L_{max} : Maximum Noise level

L_{eq} : Equivalent sound energy

Compiled by : (Signature)
Dr. Ajoy Paul

Envirocheck Seal
Date : 03/10/2020

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





ENVIROCHECK

Recognised by MoEF&CC, WBPCB, JSPCB & OSPCB
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Certified by ISO 9001:2015, ISO 14001:2015 & OHSAS 18001:2007



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 : 64/EC/M/N/II/20-21

| | | | |
|----------------------|--------------------------|-----------------|---------------|
| Sampling Locations : | Near Main Gate | Date of Study : | 23/09/2020 |
| 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 | 59.8 | 61.2 | 60.56 | 63.90 |
| 7:00 AM to 8:00 AM | 60.7 | 63.7 | 62.45 | |
| 8:00 AM to 9:00 AM | 60.3 | 62.8 | 61.73 | |
| 9:00 AM to 10:00 AM | 61.7 | 63.5 | 62.69 | |
| 10:00 AM to 11:00 AM | 61.3 | 64.8 | 63.39 | |
| 11:00 AM to 12:00 PM | 62.4 | 64.9 | 63.83 | |
| 12:00 PM to 1:00 PM | 63.2 | 65.7 | 64.63 | |
| 1:00 PM to 2:00 PM | 64.9 | 66.8 | 65.95 | |
| 2:00 PM to 3:00 PM | 63.1 | 65.6 | 64.53 | |
| 3:00 PM to 4:00 PM | 65.4 | 67.8 | 66.76 | |
| 4:00 PM to 5:00 PM | 64.3 | 66.4 | 65.48 | |
| 5:00 PM to 6:00 PM | 63.1 | 64.1 | 63.63 | |
| 6:00 PM to 7:00 PM | 61.3 | 63.7 | 62.66 | |
| 7:00 PM to 8:00 PM | 60.1 | 68.8 | 66.34 | |
| 8:00 PM to 9:00 PM | 59.8 | 61.7 | 60.85 | |
| 9:00 PM to 10:00 PM | 58.2 | 60.1 | 59.25 | |

| | | | |
|-----------------|--------------------------|--------------|---------------|
| Date of Study : | 23/09/2020 to 24/09/2020 | 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 | 56.2 | 58.7 | 57.63 | 55.85 |
| 11:00 PM to 12:00 AM | 55.1 | 57.3 | 56.34 | |
| 12:00 AM to 1:00 AM | 54.9 | 57.4 | 56.33 | |
| 1:00 AM to 2:00 AM | 53.1 | 56.7 | 55.26 | |
| 2:00 AM to 3:00 AM | 51.7 | 54.7 | 53.45 | |
| 3:00 AM to 4:00 AM | 52.3 | 54.1 | 53.29 | |
| 4:00 AM to 5:00 AM | 53.8 | 55.7 | 54.85 | |
| 5:00 AM to 6:00 AM | 56.7 | 58.2 | 57.51 | |

L_{min} : Minimum Noise level

L_{max} :Maximum Noise level

L_{eq} :Equivalent sound energy

Compiled by : (Signature)
Dr. Ajoy Paul

Envirocheck Seal
Date : 03/10/2020

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





ENVIROCHECK

Recognised by MoEF&CC, WBPCB, JSPCB & OSPCB
Accredited by NABL (ISO/IEC 17025:2017)
Certified by ISO 9001:2015, ISO 14001:2015 & OHSAS 18001:2007



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 : 64/EC/M/N/III/20-21

| | | | |
|----------------------|---|-----------------|---------------|
| Sampling Locations : | Nakrajoria Village (1 km Distance from Plant) | Date of Study : | 23/09/2020 |
| 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 | 44.1 | 51.6 | 49.30 | 53.29 |
| 7:00 AM to 8:00 AM | 46.7 | 55.9 | 53.38 | |
| 8:00 AM to 9:00 AM | 47.3 | 56.6 | 54.07 | |
| 9:00 AM to 10:00 AM | 48.4 | 52.7 | 51.06 | |
| 10:00 AM to 11:00 AM | 46.7 | 53.4 | 51.23 | |
| 11:00 AM to 12:00 PM | 51.2 | 55.9 | 53.16 | |
| 12:00 PM to 1:00 PM | 52.2 | 56.5 | 54.86 | |
| 1:00 PM to 2:00 PM | 49.9 | 52.4 | 51.33 | |
| 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 | 57.8 | 59.4 | 58.67 | |
| 5:00 PM to 6:00 PM | 56.5 | 58.2 | 57.43 | |
| 6:00 PM to 7:00 PM | 40.6 | 48.3 | 45.97 | |
| 7:00 PM to 8:00 PM | 49.9 | 51.6 | 50.83 | |
| 8:00 PM to 9:00 PM | 45.6 | 49.9 | 48.26 | |
| 9:00 PM to 10:00 PM | 43.2 | 47.6 | 45.93 | |

| | | | |
|-----------------|--------------------------|--------------|---------------|
| Date of Study : | 23/09/2020 to 24/09/2020 | 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 | 41.6 | 48.7 | 46.46 | 43.81 |
| 11:00 PM to 12:00 AM | 39.9 | 42.6 | 41.46 | |
| 12:00 AM to 1:00 AM | 38.3 | 40.2 | 39.35 | |
| 1:00 AM to 2:00 AM | 39.9 | 42.5 | 41.39 | |
| 2:00 AM to 3:00 AM | 41.6 | 45.9 | 44.26 | |
| 3:00 AM to 4:00 AM | 41.2 | 45.3 | 43.72 | |
| 4:00 AM to 5:00 AM | 41.6 | 45.8 | 44.19 | |
| 5:00 AM to 6:00 AM | 43.8 | 46.7 | 45.49 | |

L_{min} : Minimum Noise level

L_{max} : Maximum Noise level

L_{eq} : Equivalent sound energy

Compiled by : (Signature)
Dr. Ajoy Paul

Envirocheck Seal
Date : 03/10/2020



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

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 : 64/EC/M/N/IV/20-21

| | | | |
|----------------------|--|-----------------|---------------|
| Sampling Locations : | Near MMC Building (Back side of the Plant) | Date of Study : | 23/09/2020 |
| 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 | 64.2 | 75.9 | 73.17 | 73.57 |
| 7:00 AM to 8:00 AM | 66.3 | 77.1 | 74.44 | |
| 8:00 AM to 9:00 AM | 67.9 | 76.4 | 73.96 | |
| 9:00 AM to 10:00 AM | 65.9 | 76.8 | 74.13 | |
| 10:00 AM to 11:00 AM | 68.3 | 80.4 | 77.65 | |
| 11:00 AM to 12:00 PM | 67.2 | 79.6 | 76.83 | |
| 12:00 PM to 1:00 PM | 68.2 | 77.5 | 74.97 | |
| 1:00 PM to 2:00 PM | 69.5 | 70.2 | 69.86 | |
| 2:00 PM to 3:00 PM | 63.7 | 66.2 | 65.98 | |
| 3:00 PM to 4:00 PM | 65.9 | 69.7 | 67.78 | |
| 4:00 PM to 5:00 PM | 66.1 | 70.2 | 67.16 | |
| 5:00 PM to 6:00 PM | 65.9 | 69.2 | 67.12 | |
| 6:00 PM to 7:00 PM | 63.1 | 75.7 | 72.92 | |
| 7:00 PM to 8:00 PM | 68.9 | 76.4 | 74.10 | |
| 8:00 PM to 9:00 PM | 65.4 | 77.6 | 74.84 | |
| 9:00 PM to 10:00 PM | 66.1 | 75.8 | 73.23 | |

| | | | |
|-----------------|--------------------------|--------------|---------------|
| Date of Study : | 23/09/2020 to 24/09/2020 | 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 | 66.2 | 71.8 | 69.14 | 69.59 |
| 11:00 PM to 12:00 AM | 67.9 | 75.3 | 73.02 | |
| 12:00 AM to 1:00 AM | 66.1 | 73.8 | 71.47 | |
| 1:00 AM to 2:00 AM | 65.9 | 72.8 | 70.60 | |
| 2:00 AM to 3:00 AM | 64.7 | 72.1 | 69.82 | |
| 3:00 AM to 4:00 AM | 64.9 | 68.6 | 65.96 | |
| 4:00 AM to 5:00 AM | 63.9 | 70.8 | 65.15 | |
| 5:00 AM to 6:00 AM | 60.2 | 65.6 | 63.50 | |

L_{min} : Minimum Noise level

L_{eq} :Equivalent sound energy

Compiled by : (Signature)
 Dr. Ajoy Paul

Envirocheck Seal
 Date : 03/10/2020



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

Annexure-11B



ENVIROCHECK

Recognised by MoEF&CC, WBPCB, JSPCB & OSPCC
Accredited by NABL (ISO/IEC 17025:2017)
Certified by ISO 9001:2015, ISO 14001 : 2015 & OHSAS 18001:2007



Certificate No. TC-6014



FORMAT NO. : ENV/FM/58

TEST REPORT

| | | | |
|-----|---|---|--|
| 1. | Name of the Industry / Project | : | 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 | : | ENV/09/Sep/N/1/20-21 |
| 8. | Date of Study | : | 23/09/2020 |
| 9. | Reporting Date | : | 03/10/2020 |
| 10. | Method No. | : | IS: 9989 – 1981 |
| 11. | Time of Duration of Noise | : | 20 Minutes |
| 12. | Height from Ground Level | : | 4 feet |
| 13. | Sample Monitoring by | : | Mr. Biswajit Dey |

RESULT OF NOISE LEVEL STUDY

Time : 11:00 – 11:20 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) | 79.2 | 83.5 | 81.86 | East Side |
| 02. | dB(A) | 80.8 | 82.9 | 81.98 | West Side |
| 03. | dB(A) | 81.7 | 83.3 | 82.57 | North Side |
| 04. | dB(A) | 81.4 | 82.9 | 82.21 | South Side |
| Average dB(A) Leq | | | | 82.15 | |

Reviewed By:

Approved By:


Dy. Quality Manager


Quality Manager

>End of Report<



ENVIROCHECK

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



FORMAT NO. : ENV/FM/58

TEST REPORT

| | | | |
|-----|---|---|--|
| 1. | Name of the Industry / Project | : | 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 | : | ENV/09/Sep/N/II/20-21 |
| 8. | Date of Study | : | 23/09/2020 |
| 9. | Reporting Date | : | 03/10/2020 |
| 10. | Method No. | : | IS: 9989 - 1981 |
| 11. | Time of Duration of Noise | : | 20 Minutes |
| 12. | Height from Ground Level | : | 4 feet |
| 13. | Sample Monitoring by | : | Mr. Biswajit Dey |

RESULT OF NOISE LEVEL STUDY

Time :11:30 - 11:50 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) | 78.3 | 82.4 | 80.82 | East Side |
| 02. | dB(A) | 79.7 | 81.5 | 80.69 | West Side |
| 03. | dB(A) | 79.1 | 83.9 | 82.13 | North Side |
| 04. | dB(A) | 80.1 | 82.3 | 81.34 | South Side |
| Average dB(A) Leq | | | | 81.24 | |

Reviewed By:

Dy. Quality Manager

Approved By:

Quality Manager

>End of Report<



ENVIROCHECK

Recognised by MoEF&CC, WBPCB, JSPCB & OSPCC
Accredited by NABL (ISO/IEC 17025:2017)
Certified by ISO 9001:2015, ISO 14001 : 2015 & OHSAS 18001:2007



FORMAT NO. : ENV/FM/58

TEST REPORT

| | | | |
|-----|---|---|--|
| 1. | Name of the Industry / Project | : | 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 | : | ENV/09/Sep/N/III/20-21 |
| 8. | Date of Study | : | 23/09/2020 |
| 9. | Reporting Date | : | 03/10/2020 |
| 10. | Method No. | : | IS: 9989 - 1981 |
| 11. | Time of Duration of Noise | : | 20 Minutes |
| 12. | Height from Ground Level | : | 4 feet |
| 13. | Sample Monitoring by | : | Mr. Biswajit Dey |

RESULT OF NOISE LEVEL STUDY

Time : 12:00 - 12:20 P.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) | 73.1 | 76.7 | 75.26 | East Side |
| 02. | dB(A) | 74.2 | 76.6 | 75.56 | West Side |
| 03. | dB(A) | 75.7 | 78.2 | 77.13 | North Side |
| 04. | dB(A) | 73.2 | 75.1 | 74.25 | South Side |
| Average dB(A) Leq | | | | 75.55 | |

Reviewed By:


Dy. Quality Manager

Approved By:


Quality Manager

>End of Report<

Annexure-12

CSR ACTIVITIES BY ELOQUENT STEEL PVT. LTD.

Distribution of Study Materials, Hand Sanitizer, Masks to the workers and their kids & families.



Cloth distribution to needy people in nearby village



