

Regd. Office : "DIAMOND PRESTIGE", 41A, A.J.C. Bose Road,
8th Floor, Room No. - 801, Kolkata, West Bengal - 700 017
033-66255252
eloquentsteel@gmail.com

**ELOQUENT STEEL
PRIVATE LIMITED**

CIN : U51909WB2012PTC185734
PAN : AADCE1766F | GSTIN : 19AADCE1766F1Z9

Ref: - ESPL/IFSL/SMC/Oct. 2018-March 2019

Date: 14/10/2019

To,
The Deputy Director (S)
Ministry of Environment, Forest and Climate Change
Eastern Regional Office,
A/3, Chandrasekharpur, Bhubaneswar-751023

SUB: Six Monthly (Oct. 2018 to March 2019) Compliance to Environmental Clearance conditions vide MoEF F. No. J-11011/163/2008-IA (II) Dated: July 28, 2008 by M/s Impex Ferro Steel Ltd. (Currently known as Eloquent Steel Pvt. Limited) Vill-Nakrajoria, PO & PS-Salanpur, Dist.-Paschim Burdwan (WB)

Dear Sir,

With reference to above, we are submitting herewith the six monthly compliance report (Period Oct. 2018 to March 2019) for M/s Impex Ferro Steel Ltd. (Currently known as Eloquent Steel Pvt. Ltd.) Village-Nakrajoria, PO & PS-Salanpur, Dist.-Paschim Burdwan (WB) as per the directives of Ministry of Environment and Forest, Government of India. Point wise compliance status report, latest environment monitoring data along with soft copy in CD is enclosed for your kind perusal. Hope you will find the same in order.

Kindly acknowledge our submission.

Thanking You.

Yours Faithfully,

for Impex Ferro Steel Limited
(Currently known as Eloquent Steel Pvt. Ltd.)

Authorized Signatory

Encl: as above

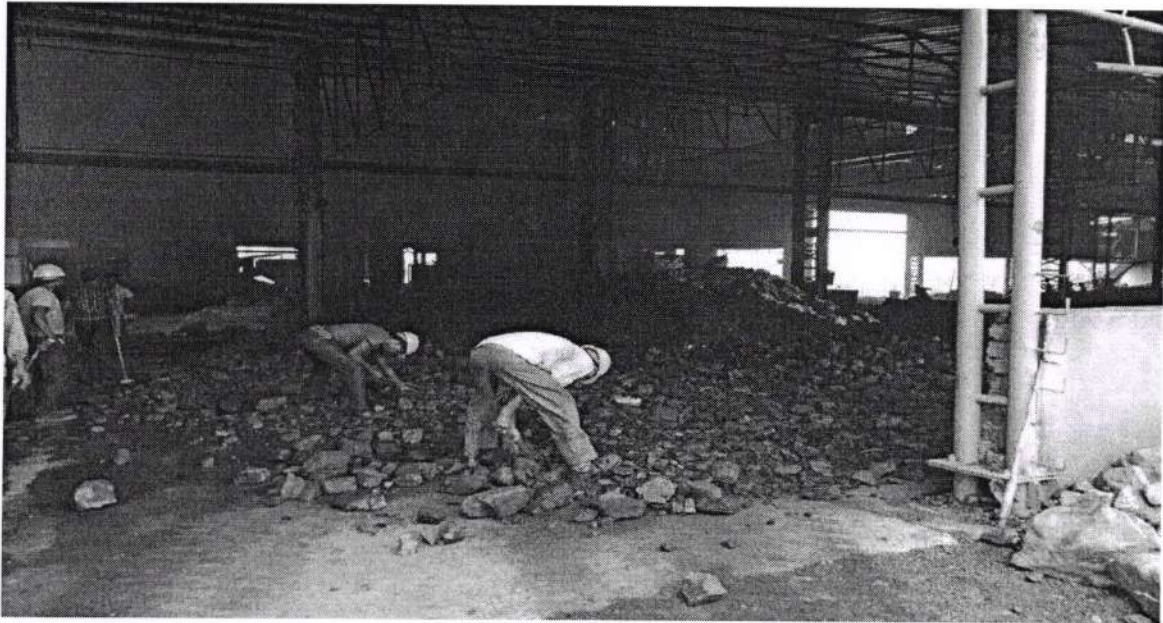
Copy to: Sr. Environment Engineer EIM CELL, WBPCB, Parivesh Bhawan Block- LA, 10A, Sec.-III, Salt Lake City, Kolkata-700098 (West Bengal)



Works : Mouza - Nakrajoria, P.O./P.S. - Salanpur, Dist. - Burdwan, West Bengal - 713 357

HALF YEARLY COMPLIANCE REPORT

October, 2018 - March, 2019



Prepared by:

**M/s Impex Ferro Steel Ltd
(Currently known as M/s. Eloquent Steel Pvt Ltd)
Diamond Prestidge, 41A, A.J.C Bose Road, 8th floor, Room no. 801,
Kolkata, West Bengal 700017**

**Project Site-Village: Mouza- Nacrajoria, P.S-Salanpur,
Paschim Burdwan, West Bengal 713357**

INTRODUCTION

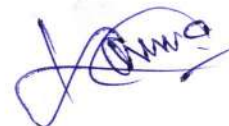
The project of M/s Impex Ferro Steel Ltd. (currently known as M/s. Eloquent Steel Pvt. Ltd.) is located at Village-Nakrajoria, PO & PS- Salanpur, District- Paschim Burdwan-713357, West Bengal.

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. Impex Ferro Steel Ltd (currently known as M/s. Eloquent Steel Pvt Ltd) was granted Environmental Clearances from GoI, MoEF & CC (Impact Assessment Division) and Consent to Establish as well as Consent to Operate from West Bengal Pollution Control Board respectively. As part of the compliance of statutory requirement environmental quality monitoring has been carried out by M/s Envirocheck, Kolkata, West Bengal. The detail regarding compliance is given herewith in the following pages for the six monthly period of October, 2018 - March, 2019.

Name of the Project	: M/s Impex Ferro Steel Ltd. (Currently known as Eloquent Steel Pvt. Ltd.) Village-Nakrajoria, PO & PS-Salanpur, Dist. -Paschim Burdwan (WB)
Environmental Clearance Letter Ref.	: F. No. J-11011/183/2008-IA-II Date : July 28, 2008

Sl. No.	Condition	Compliance
<i>SPECIFIC CONDITIONS</i>		
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.	Regular monitoring being done to check the emission levels. Air pollution control equipment such as bag filters are installed to keep the emissions levels within limits. The latest stack monitoring report is attached as Annexure-2 .
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.	Suitable control measures have been undertaken to keep secondary fugitive emissions from furnace within the latest permissible limits. Please refer Annexure-3 .
3.	All the treated waste water shall be recycled and reused and 'Zero' effluent discharge shall be ensured.	No waste water being discharged outside the 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.	Permission from District Level Ground Water Authority for drawl of ground water has been taken. Please refer Annexure-4 .



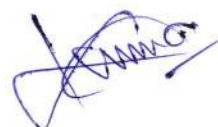
5.	The company shall develop rain water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.	Efforts are being made by the company to develop rain water harvesting structures to harvest the rain water.
6.	The company shall regularly 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 will be complied with.
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 furnace is not of hazardous nature and being reused in the landfilling purpose and road making.
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.	We are taking suitable measures to prepare and submit complete solid waste management plan.
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.	Progressive measures are taken to develop Green belt as per guidelines. Please refer Annexure-5 .
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 of the workers is being carried out.
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.	Being adhered as per the stipulation made by WBPCB and State Government. Consent to Operate obtained from WBPCB is attached as Annexure -6 .

 3

2.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests.	It shall be complied with
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 SPM, SO ₂ , and NO _x . Latest Ambient Air Quality monitoring report for PM ₁₀ , PM _{2.5} , SO ₂ , NO ₂ and stack monitoring report is enclosed as Annexure- 7 .
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 (daytime) and 70 dBA (nighttime).	Noise control measures has already been implemented to keep the noise level well within the 85 dBA and ambient noise level below 75 dBA (day time) and 70 dBA (night time).
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.	The operational activities of the unit has resumed recently. The compliances as directed will be complied.



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.	The fund earmarked towards the capital cost and recurring cost/ annum for environmental pollution control measures is utilized to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government.
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.	It will be complied with.
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.	Complied.
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.	Financial closure as well as date of start of land development work has already been informed.





Annexure-1

ভারতীয় স্টেট ব্যাঙ্ক
भारतीय स्टेट बैंक
State Bank of India

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

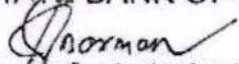
As per Deed Nos. : I-4544, I-4548, I-4557, I-4560, I-4562, I-4563, I-4836, I-4838, I-4839, I-4842, I-4844, I-4845, I-4905, I-4907, I-4909, I-4973, I-4974, in the name of M/s. Impex Steel Ltd

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

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

কৃষ্ণ STATE BANK OF INDIA
For STATE BANK OF INDIA


অনুমোদিত AUTHORIZED Officer
Stressed Assets Management Branch
কলকাতা / Kolkata-700 071

bank.sbi
+91 33 2281 0623
+91 33 2280 3097
+91 33 2282 9134
sbi.04151@sbi.co.in

প্রতিবন্ধ পরিসম্পদ
ব্যবস্থাপন শাখা
নাগাল্যান্ড হাউস
(অষ্টম তল)
১১, এবং ১৩ শেক্সপীয়ার সরানী,
কোলকাতা - ৭০০ ০৭১

তনাব্যস্ত আর্সি
প্রबंधन शाखा
नागालैन्ड हाउस,
(अष्टम तल)
११ एवं १३ शेक्सपीयर सारणी
कोलकाता - ७०० ०७१

Stressed Assets
Management Branch
Nagaland House, 8th Floor
11 & 13, Shakespeare Sarani,
Kolkata-700 071



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STACK GAS ANALYSIS REPORT

Annexure-2

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.	Date of sampling	:	10.12.2018
4.	Report No.	:	1352A/EC/M/TR(A)/I/18-19
5.	Analysis completed on	:	13.12.2018
6.	Reporting Date	:	19.12.2018

A. GENERAL INFORMATION ABOUT STACK

1.	Stack attached to	:	SEAF (No.1) through APC system
2.	Shape of Stack	:	Circular
3.	Material of Construction	:	M.S.
4.	Height of Stack from G. L. (mtr.)	:	36.0
5.	Stack I.D. at sampling point (mtr.)	:	1.60
6.	Height of sampling port from G. L. (mtr.)	:	30.0
7.	Capacity	:	7.5 MVA
8.	Emission due to	:	Combustion of Coke & Reduction of Mn-Ore
(a) Type of Fuel Used		:	Electrically Operated
(b) Fuel Consumption		:	Nil
9.(a)	Permanent ladder & platform	Yes	(b) Pollution Control Device
			Bag Filter (2 nos.) [756 bags in each Bag Filter]

B. RESULTS OF SAMPLING

SL. NO.	PARAMETERS	METHOD NO.	RESULTS
1.	Flue Gas Temperature (°C)	IS : 11255 (Part 1)	71.0
2.	Barometric Pressure (mm of Hg.)	--	756.0
3.	Velocity of Gas flow (m/s)	IS : 11255 (Part 3)	13.30
4.	Quantity of Gas flow (Nm ³ /hr.)	IS : 11255 (Part III)	82856.21
5.	Concentration of SO ₂ (mg/Nm ³)	IS 11255 (Part 2) 1985 RA 2003	118.27
6.	Concentration of CO ₂ % (v/v)	IS 13270 1992 RA 2003	1.8
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	26.57

Remarks : All the information under column A are supplied by the respective industry.

Date : 19.12.2018

Authorised Signatory :

Dr. AJOY PAUL
Quality Manager

H.O. : 63/B, Rastraguru Avenue, Kolkata - 700028 | 033-25792891/25497490, Fax : 033-25299141
 Laboratory : 189,190&192 Rastraguru Avenue, Kolkata - 700028 | 033-25792889
 Email : envcheck@cal2.vsnl.net.in/info@envirocheck.org, Website : www.envirocheck.org
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STACK GAS ANALYSIS REPORT

Annexure-2

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.	Date of sampling	:	10.12.2018
4.	Report No.	:	1352A/EC/M/TR(A)/III/18-19
5.	Analysis completed on	:	13.12.2018
6.	Reporting Date	:	19.12.2018

A. GENERAL INFORMATION ABOUT STACK

1.	Stack attached to	:	D. G. Set - 250 KVA
2.	Shape of Stack	:	Circular
3.	Material of Construction	:	M.S.
4.	Height of Stack from G. L. (mtr.)	:	5.0
5.	Stack I.D. at sampling point (mtr.)	:	0.254
6.	Height of sampling port from G. L. (mtr.)	:	5.0 (Final Exhaust Point)
7.	Emission due to	:	Combustion of H.S.D
(a) Type of Fuel Used		:	H.S.D
(b) Fuel Consumption		:	45 - 48 liter./hr.
8.(a)	Permanent ladder & platform	:	No
(b) Pollution Control Device		:	Nil

B. RESULTS OF SAMPLING

SL. NO.	PARAMETERS	METHOD NO.	RESULTS
1.	Flue Gas Temperature (°C)	IS : 11255 (Part 1)	: 117.0
2.	Barometric Pressure (mm of Hg.)	--	: 756.0
3.	Velocity of Gas flow (m/s)	IS : 11255 (Part 3)	: 14.43
4.	Quantity of Gas flow (Nm ³ /hr.)	IS : 11255 (Part III)	: 1730.30
5.	Concentration of SO ₂ (mg/Nm ³)	IS 11255 (Part 2) 1985 RA 2003	: 54.29
6.	Concentration of CO ₂ % (v/v)	IS 13270 1992 RA 2003	: 7.0
7.	Concentration of CO % (v/v)	IS 13270 1992 RA 2003	: <1.0
8.	Concentration of Particulate Matter (mg/Nm ³)	IS 11255 (Part - 1) 1985 RA 2003 & ASTM D 3685/D 3685M-98 (reapproved 2005) : Sec 11(Vol. 3 11.07) : 2011	: 61.24

Remarks : All the information under column A are supplied by the respective industry.
: During monitoring temporary ladder and platform were provided.

Date : 19.12.2018

Authorised Signatory :

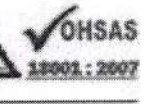
Dr. AJOY PAUL
Quality Manager

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WORK ZONE (FUGITIVE) AIR ANALYSIS REPORT

Annexure-3

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.	Date of sampling	: 10.12.2018 - 11.12.2018
4.	Report No.	: 1352A/EC/M/TR(A)/VIII/18-19
5.	Analysis completed on	: 13.12.2018
6.	Reporting Date	: 19.12.2018
7.	Particular of Plant	: Ferro Alloy and SMS Unit

A] GENERAL INFORMATION	
1.	Location of Sampling : Inside the Ferro Division
2.	Duration of Sampling : 08 hrs. (10:20 a.m. - 06:20 p.m.)

B] METEOROLOGICAL INFORMATION	
1.	Average Temperature (°C) : 30.6
2.	Average Relative Humidity (%) : 56.2
3.	Barometric Pressure (mm of Hg) : 756.0
4.	Smell or Odour : No Remarkable Smell

C] RESULTS			
SL. NO.	PARAMETERS	METHOD NO.	RESULTS
1.	Concentration of SPM ($\mu\text{g}/\text{m}^3$)	NIOSH 0500 : 1994	: 461.12
2.	Concentration of *RPM ($\mu\text{g}/\text{m}^3$)	IS 5182 (PART 23) : 2006	: 162.56
3.	Concentration of *SO ₂ ($\mu\text{g}/\text{m}^3$)	IS 5182 (Part 2) 2001 & ASTM D 2914-01 reapproved 2007 : Sec 11 (Vol. 11.07) : 2011	: 8.53
4.	Concentration of *NO _x ($\mu\text{g}/\text{m}^3$)	IS 5182 (Part 6) 2006 & ASTM D 1607-91 reapproved 2005 : Sec 11 (Vol. 11.07) : 2011	: 25.03

Remarks : The parameters marked with an (*) are not Accredited by NABL.

Date : 19.12.2018

Authorised Signatory :

Dr. AJOY PAUL
Quality Manager

H.O. : 63/B, Rastraguru Avenue, Kolkata - 700028 ; 033-25792891/25497490, Fax : 033-25299141
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WORK ZONE (FUGITIVE) AIR ANALYSIS REPORT

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2.	Address	:	Vill. - Nakrajoria, P.O. + P.S. - Salanpur, Dist. - Paschim Bardhaman
3.	Date of sampling	:	10.12.2018 - 11.12.2018
4.	Report No.	:	1352A/EC/M/TR(A)/IX/18-19
5.	Analysis completed on	:	13.12.2018
6.	Reporting Date	:	19.12.2018
7.	Particular of Plant	:	Ferro Alloy and SMS Unit

A] GENERAL INFORMATION

1.	Location of Sampling	:	Inside the Plant
2.	Duration of Sampling	:	08 hrs. (10:40 a.m. - 06:40 p.m.)

B] METEOROLOGICAL INFORMATION

1.	Average Temperature (°C)	:	30.8
2.	Average Relative Humidity (%)	:	57.0
3.	Barometric Pressure (mm of Hg)	:	756.0
4.	Smell or Odour	:	No Remarkable Smell

C] RESULTS

SL. NO.	PARAMETERS	METHOD NO.	RESULTS
1.	Concentration of SPM ($\mu\text{g}/\text{m}^3$)	NIOSH 0500 : 1994	480.52
2.	Concentration of *RPM ($\mu\text{g}/\text{m}^3$)	IS 5182 (PART 23) : 2006	186.82
3.	Concentration of *SO ₂ ($\mu\text{g}/\text{m}^3$)	IS 5182 (Part 2) 2001 & ASTM D 2914-01 reapproved 2007 : Sec 11 (Vol. 11.07) : 2011	9.18
4.	Concentration of *NO _x ($\mu\text{g}/\text{m}^3$)	IS 5182 (Part 6) 2006 & ASTM D 1607-91 reapproved 2005 : Sec 11 (Vol. 11.07) : 2011	30.0

Remarks : The parameters marked with an (*) are not Accredited by NABL.

Date : 19.12.2018

Authorised Signatory :

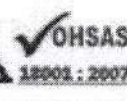
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3.	Date of sampling	: 10.12.2018 - 11.12.2018
4.	Report No.	: 1352A/EC/M/TR(A)/X/18-19
5.	Analysis completed on	: 13.12.2018
6.	Reporting Date	: 19.12.2018
7.	Particular of Plant	: Ferro Alloy and SMS Unit

A] GENERAL INFORMATION

1.	Location of Sampling	: Near Raw Material Stock Yard
2.	Duration of Sampling	: 08 hrs. (11:00 a.m. - 07:00 p.m.)

B] METEOROLOGICAL INFORMATION

1.	Average Temperature (°C)	: 26.0
2.	Average Relative Humidity (%)	: 54.0
3.	Barometric Pressure (mm of Hg)	: 756.0
4.	Smell or Odour	: No Remarkable Smell

C] RESULTS

SL. NO.	PARAMETERS	METHOD NO.	RESULTS
1.	Concentration of SPM ($\mu\text{g}/\text{m}^3$)	NIOSH 0500 : 1994	: 530.51
2.	Concentration of *RPM ($\mu\text{g}/\text{m}^3$)	IS 5182 (PART 23) : 2006	: 210.80
3.	Concentration of *SO ₂ ($\mu\text{g}/\text{m}^3$)	IS 5182 (Part 2) 2001 & ASTM D 2914-01 reapproved 2007 : Sec 11 (Vol. 11.07) : 2011	: 6.56
4.	Concentration of *NO _x ($\mu\text{g}/\text{m}^3$)	IS 5182 (Part 6) 2006 & ASTM D 1607-91 reapproved 2005 : Sec 11 (Vol. 11.07) : 2011	: 23.45

Remarks : The parameters marked with an (*) are not Accredited by NABL.

Date : 19.12.2018

Authorised Signatory :

Dr. AJOY PAUL
Quality Manager

P-6

FORM 4

[See Rules 9(3) and 10(5)]

008611

(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,
(b) Son / Daughter of : IMPEX STEEL PVT. LIMITED.
(c) Address of the applicant : Shri. Dharam Chand Patni,
(d) Category of farmer (Please tick) : Jayanti Enclave, Upcargarden, Asansol-4.
(in case of irrigation well) : Dist. - Burdwan.
(e) Serial No. of application Form : Small Farmer / Marginal Farmer / Others ✓
and date of submission : BP 0118 Sl. No. 15.
(f) Specimen signature of the user : A
Virendra Kumar Jain
2. Location particulars---
(a) District : Burdwan.
(b) Block, Mouza, J. L. No., Plot No. : Salanpur, Nekrajaria, 26, 702.
(c) Municipality / Corporation : N.A.
Ward No. / Borough No., Holding No.
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.



GREEN BELT DEVELOPMENT



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

Annexure-6

Consent Letter Number : CO 110/24

Memo Number : 1530-HPB/P/Reel (Bsm)/cont-(581)/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 Imper Steel Ltd)
(Address of Regd. office/Head/Office/City Office)

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

Conditions :

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

Sl. No.	Name of major products and by-products	Quantity manufactured per month
01	Ferro Manganese	2625 MT
02	Silico Manganese	1875 MT
03	M.S. Ingot	4417 MT
04		
05		
06		
07		
08		
09		
10		
11		
12		

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

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


Continued.....!

Consent to M/s Eloquent Steel Pvt Ltd (Formerly known as M/s In Steel Ltd.)⁽⁴⁾
 for its unit at Vill. - Nakrajoria
P.O. + P.S. - Salarpur, Dist. - Paschim Bardhaman

- 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.
- 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.
- 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 (2 x 7.5 MVA)		—	150	—	—	—	—	Half yearly
S-2	30	02 Nos. Induction Furnace (2 x 7 MT/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										


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

Continued.....

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

Table-I

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

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

10. Dally 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.

[Signature]
 28/07/18

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

Continued.....

Consent to M/s. Eloquent Steel Pvt Ltd ⁽⁵⁾
 for its unit at Steel Ltd
P.O. + P.S. - Salarpur, Vill. - Nakpaxoria (Formerly known as m/s. In
Dist. - Paschim Bardhaman.

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

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

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

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

17. The Applicant shall take adequate measures for control of noise levels from its own sources within the premises within the limit given below :-

Time	Limit in dB(A) L _{eq}
Day Time (06 a.m. to 09 p.m.)	65
Night Time (09 p.m. to 06 a.m.)	55

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

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

Continued.....

(6)
sent to M/s. Floquent Steel Pvt Ltd. (Formerly known as
is unit of M/s. Impex Steel Ltd.)
P.O. - Salarpur, Dist. - Paschim Bardhaman Vill. - Nokrajaria

The Applicant shall maintain a separate register showing consumption of chemicals used in pollution control systems.

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.

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.

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.

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.

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.

The Applicant shall furnish to the State Board all information in respect of quality, quantity, rate of discharge, place of discharge of liquid effluent and air emissions.

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.

The Applicant shall have to make registration for the use of groundwater if any, with Central Ground Water Authority.

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.

The Applicant shall make an application to the State Board in the prescribed form for renewal of the consent at least 50 (sixty) days before the date of expiry of this Consent.

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.

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

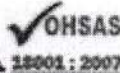
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28/07/87

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



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AMBIENT AIR ANALYSIS REPORT

Annexure-7

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.	Date of sampling	: 10.12.2018 - 11.12.2018
4.	Report No.	: 1352A/EC/M/TR(A)/IV/18-19
5.	Analysis completed on	: 13.12.2018
6.	Reporting Date	: 19.12.2018
7.	Particular of Plant	: Ferro Alloy and SMS Unit

A] GENERAL INFORMATION

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

B] METEOROLOGICAL INFORMATION

1.	Average Temperature (°C)	: 20.0
2.	Average Relative Humidity (%)	: 52.0
3.	Barometric Pressure (mm of Hg)	: 756.0
4.	Smell or Odour	: No Remarkable Smell
5.	Weather Condition	: Clear sky

C] RESULTS

SL. NO.	PARAMETERS	METHOD NO.	RESULTS
1.	Concentration of PM _{2.5} (µg/m ³)	USEPA 1997a, 40 CFR Part 50, Appendix L	: 56.66
2.	Concentration of PM ₁₀ (µg/m ³)	IS 5182 (PART 23) : 2006	: 91.50
3.	Concentration of SO ₂ (µg/m ³)	IS 5182 (Part 2) 2001 & ASTM D 2914-01 reapproved 2007 : Sec 11 (Vol. 11.07) : 2011	: 10.50
4.	Concentration of NO _x (µg/m ³)	IS 5182 (Part 6) 2006 & ASTM D 1607-91 reapproved 2005 : Sec 11 (Vol. 11.07) : 2011	: 36.23
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	: 0.32
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

Date : 19.12.2018

Authorised Signatory :

Dr. AJOY PAUL
Quality Manager

H.O. : 63/B, Rastraguru Avenue, Kolkata - 700028 (033-25792891/25497490, Fax : 033-25299141
 Laboratory : 189,190&192 Rastraguru Avenue, Kolkata - 700028 (033-25792889
 Email : envcheck@cal2.vsnl.net.in/info@envirocheck.org, Website : www.envirocheck.org
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AMBIENT AIR ANALYSIS REPORT

Annexure-7

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.	Date of sampling	: 10.12.2018 - 11.12.2018
4.	Report No.	: 1352A/EC/M/TR(A)/V/18-19
5.	Analysis completed on	: 13.12.2018
6.	Reporting Date	: 19.12.2018
7.	Particular of Plant	: Ferro Alloy and SMS Unit

A) GENERAL INFORMATION

1.	Location of Sampling	: Near Main Gate
2.	Duration of Sampling	: 24 hrs. (09:30 a.m. - 09:30 a.m.)

B) METEOROLOGICAL INFORMATION

1.	Average Temperature (°C)	: 20.0
2.	Average Relative Humidity (%)	: 52.0
3.	Barometric Pressure (mm of Hg)	: 756.0
4.	Smell or Odour	: No Remarkable Smell
5.	Weather Condition	: Clear sky

C) RESULTS

SL. NO.	PARAMETERS	METHOD NO.	RESULTS
1.	Concentration of PM _{2.5} (µg/m ³)	USEPA 1997a, 40 CFR Part 50, Appendix L	: 57.10
2.	Concentration of PM ₁₀ (µg/m ³)	IS 5182 (PART 23) : 2006	: 92.51
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	: 9.18
4.	Concentration of NO _x (µg/m ³)	IS 5182 (Part 6) 2006 & ASTM D 1607-91 reapproved 2005 : Sec 11 (Vol. 11.07) : 2011	: 32.77

Date : 19.12.2018

Authorised Signatory :

Dr. AJOY PAUL
Quality Manager

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AMBIENT AIR ANALYSIS REPORT

Annexure-7

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.	Date of sampling	: 10.12.2018 - 11.12.2018
4.	Report No.	: 1352A/EC/M/TR(A)/VI/18-19
5.	Analysis completed on	: 13.12.2018
6.	Reporting Date	: 19.12.2018
7.	Particular of Plant	: Ferro Alloy and SMS Unit

A] GENERAL INFORMATION

1.	Location of Sampling	: NakraJoria Village (1 km. Distance from Plant)
2.	Duration of Sampling	: 24 hrs. (10:00 a.m. - 10:00 a.m.)

B] METEOROLOGICAL INFORMATION

1.	Average Temperature (°C)	: 20.0
2.	Average Relative Humidity (%)	: 52.0
3.	Barometric Pressure (mm of Hg)	: 756.0
4.	Smell or Odour	: No Remarkable Smell
5.	Weather Condition	: Clear sky

C] RESULTS

SL. NO.	PARAMETERS	METHOD NO.	RESULTS
1.	Concentration of PM _{2.5} (µg/m ³)	USEPA 1997a, 40 CFR Part 50, Appendix L	: 48.33
2.	Concentration of PM ₁₀ (µg/m ³)	IS 5182 (PART 23) : 2006	: 81.23
3.	Concentration of SO ₂ (µg/m ³)	IS 5182 (Part 2) 2001 & ASTM D 2914-01 reapproved 2007 : Sec 11 (Vol. 11.07) : 2011	: 7.22
4.	Concentration of NO _x (µg/m ³)	IS 5182 (Part 6) 2006 & ASTM D 1607-91 reapproved 2005 : Sec 11 (Vol. 11.07) : 2011	: 25.03

Date : 19.12.2018

Authorised Signatory :

Dr. AJOY PAUL
Quality Manager

H.O. : 63/B, Rastraguru Avenue, Kolkata - 700028 | 033-25792891/25497490, Fax : 033-25299141
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AMBIENT AIR ANALYSIS REPORT

Annexure-7

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.	Date of sampling	: 10.12.2018 - 11.12.2018
4.	Report No.	: 1352A/EC/M/TR(A)/VII/18-19
5.	Analysis completed on	: 13.12.2018
6.	Reporting Date	: 19.12.2018
7.	Particular of Plant	: Ferro Alloy and SMS Unit

A] GENERAL INFORMATION

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

B] METEOROLOGICAL INFORMATION

1.	Average Temperature (°C)	: 20.0
2.	Average Relative Humidity (%)	: 52.0
3.	Barometric Pressure (mm of Hg)	: 756.0
4.	Smell or Odour	: No Remarkable Smell
5.	Weather Condition	: Clear sky

C] RESULTS

SL. NO.	PARAMETERS	METHOD NO.	RESULTS
1.	Concentration of PM _{2.5} (µg/m ³)	USEPA 1997a, 40 CFR Part 50, Appendix L	: 49.97
2.	Concentration of PM ₁₀ (µg/m ³)	IS 5182 (PART 23) : 2006	: 83.50
3.	Concentration of SO ₂ (µg/m ³)	IS 5182 (Part 2) 2001 & ASTM D 2914-01 reapproved 2007 : Sec 11 (Vol. 11.07) : 2011	: 7.0
4.	Concentration of NO _x (µg/m ³)	IS 5182 (Part 6) 2006 & ASTM D 1607-91 reapproved 2005 : Sec 11 (Vol. 11.07) : 2011	: 26.0

Date : 19.12.2018

Authorised Signatory :

Dr. AJOY PAUL
Quality Manager

H.O. : 63/B, Rastraguru Avenue, Kolkata - 700028 | 033-25792891/25497490, Fax : 033-25299141
 Laboratory : 189,190&192 Rastraguru Avenue, Kolkata - 700028 | 033-25792889
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 Branch Office : • Siliguri • Haldia • Durgapur • Dhanbad • Gangtok • Port Blair • Dehradun • New Delhi
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भारत सरकार
पर्यावरण एवं वन मंत्रालय
Government of India
Ministry of Environment & Forests
(IA Division)

By speed post

Paryavaran Bhawan
CGO Complex, Lodhi Road
New Delhi - 110 003
E-mail: hsmalviya@gmail.com
Telephone: 011: 24367076
July 28, 2008

F. No. J-11011/183/2008-IA(II)

To

M/s Impex Ferro Steel Ltd
33, Chittaranjan Avenue, 2nd Floor,
Kolkata - 700012
West Bengal

jbecpl@yahoo.com, impex_steel@yahoo.co.in, aruntripathy_1954@yahoo.co.in

Sub: Expansion of the plant by setting up of Ferro Alloy Plant (2x7.5 MVA) at Mouza Nakrajaria, P.O. Salanpur, District Burdwan, West Bengal by M/s Impex Steel Ltd. Environmental Clearance reg.

Sir,

This has reference to your letter no. ISPL/LT/07-08 dated February 1, 2008 alongwith application in Form - 1 and project report seeking environmental clearance under EIA Notification 2006 and subsequent submission of EIA/EMP on 14th June 2008 during the expert appraisal Committee meeting.

2. The Ministry of Environment and Forests has examined the application along with the EIA/EMP and noted that proposal is for environmental clearance for the plant by setting up of Ferro Alloy Plant (2x7.5 MVA) at Mouza Nakrajaria, P.O. Salanpur, District Burdwan, West Bengal by M/s Impex Steel Ltd. The total area of the plant is 23653.87 m². Out of this 7805.78 m² is earmarked as green belt and open space. The proposed project 2 nos. of 7.5 MVA arc furnaces will be installed with a production capacity of 3840 TPA ferro manganese/silico manganese. The Jharkhand State boundary is located at 3-4 km towards North from the plant. The total cost of the project is Rs. 2825.18 Lakhs

3. Bag filters system will be installed for control of air pollution from the ferro-alloy plant. The flue gases will pass through the hood, damper, heat exchanger followed by bag filter, ID fan and 30 meter high stack. The dust suppression system will be provided at material handling and transfer points. The total water requirement of the plant will be 18 KLD will be met from ground water. The domestic waste water will be treated in anaerobic baffle reactor and treated waste water will be used for plantation.

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IMPEX STEEL LIMITED

Director

4. No public hearing is required as per para 7(ii) of EIA notification 2006 due to expansion of the ferro alloy plant in the same campus.

5. The Ministry of Environment and Forests hereby accords environmental clearance to the above project under the provisions of EIA Notification dated 14th September, 2006 subject to strict compliance of the following specific and general conditions:

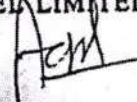
A. SPECIFIC CONDITIONS :

- i) Project authorities shall provide monitoring facilities for all the stacks. Air pollution control equipments such as bag filters shall be installed to keep emissions levels below 100 mg/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.
- ii) 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.
- iii) All the treated wastewater shall be recycled and reused and 'Zero' effluent discharge shall be ensured.
- iv) 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.
- v) 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.
- vi) The company shall regularly conduct Toxicity Characteristic 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.
- vii) The hazardous slag generated from the furnace shall be disposed of in accordance with the Hazardous Waste (Management and Handling) Rules, 2003.
- viii) 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.
- ix) 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 guidelines in consultation with DFO.



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Director

8) Occupational Health Surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.

B. GENERAL CONDITIONS:

- i. The project authorities must strictly adhere to the stipulations made by the West Bengal Pollution Control Board (WBPCB) and the State Government.
- ii. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests.
- iii. At least four ambient air quality monitoring stations shall be established in the downward direction as well as where maximum ground level concentration of SPM, SO₂ 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.
- iv. The overall noise levels in and around the plant area shall be kept well within the standards (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 (daytime) and 70 dBA (nighttime).
- v. The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA / EMP report. Further, the company must undertake socio-economic development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc.
- vi. 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.
- vii. 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.
- viii. 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

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[Handwritten Signature]

Director


advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the Regional office.

- ix. 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.
- 6.0 The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- 7.0 The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner will implement these conditions.
- 8.0 The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public (Insurance) Liability Act, 1991 along with their amendments and rules.


(H.S. Malviya)
Joint Director

Copy to:

1. Secretary (Environment), Government of West Bengal, Kolkata
2. Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-office Complex, East Arjun Nagar, New Delhi-110 032
3. The Chairman, West Bengal Pollution Control Board, Paribesh Bhawan, 10-A, Block LA, Sector 3, Salt Lake City, Kolkata-700 091
4. Chief Conservator of Forests (Central), Regional Office, Western Regional Office, A/3, Chandrasekharpur, Bhubaneswar -751 023
5. Director, Monitoring Cell, MoEF
6. Guard file
7. Monitoring file
8. Record file


(H.S. Malviya)
Joint Director

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