



**STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY,
BIHAR**

Ref No.

Patna-23, dated:-

From,

Prof. R. C. Sinha
Chairman,
SEIAA, Bihar

To,

**M/S Triveni Smelters Private Limited,
(Director)
5th floor, puja Apartment,
Wing – A, New Dakbunglow Road,
District – Patna, State – Bihar.
Pin- 800 001**

Sub: Environmental Clearance for the proponent “Triveni Smelters Pvt. Ltd., Mauza – Raipura, Adjacent to Fatuha Industrial Area, Block - Fatuha, District - Patna, State – Bihar.”

Sir,

This has reference to your application submitted vide letter dated 01st September 2015 for environmental clearance, your final EIA application was appraised by SEAC in its meeting held on 02nd July, 2016 as per EIA Notification, 2006 and its amendment thereof. On the recommendation of SEAC, SEIAA in its meeting held on 12nd July, 2016 accords Environmental Clearance with the following conditions. The salient features of the Project are as follows:-

Brief description of the Project.

Location:

Triveni Smelters Pvt. Ltd. (TSPL), is situated near Vill. Raipura, Fatuha, District Patna, Bihar having Latitude 25°30'14.07"N & Longitude 85°19'28.07"E at 51 m. above MSL.

It is about 8 kms from district head quarter Patna (25 km.) and is well connected by NH - 30 and rail with rest of the country. TSPL is about 3 Km. (E) from Fatuha Railway Station on Howrah - Delhi Main Line Sec. of ECR..

General Details:

Triveni Smelters Pvt. Ltd. (TSPL) was incorporated on 17th Nov, 2009 vide Registration No.- U27100BR2009PTC015011 under the Companies Act, 1956 with main objective to carry on the business of manufacturers, processors, producers, dealers, importer, exported, seller, buyer of all types of iron and steels and its various kinds of related products in various shapes in terms of M.S. Ingot, Billet and other iron and steels products through smelting process. The company is having its registered office at 5th Floor, Puja Apartment, Wing A, New Dakbunglow Road, Patna- 800 001, Bihar.

The Company owns a total land of 14444.22 Sq. M. (56 Kattha) under leasehold basis. Ample space is available for plant expansion and setting up of additional induction furnace & re-rolling mill furnace within the existing premises. All necessary infrastructures are available in the existing plant premises.

Manufacturing & Production Details

Manufacturing Facilities	Product	Existing capacity	Proposed Expansion	TOTAL Capacity
Induction Furnace	MS Ingot/Billet	36000 MT/Annum	72000 MT/Annum	108000 MT/Annum
Re-rolling Mill Furnace	TMT Bars/Rods	New Plant		108000 MT/Annum

Environmental Setting within 10 Km. Radius of Project Area.

Particulars	Details
Location	Raipura, Fatuha, Adjacent to Fatuha industrial Area, Patna
Latitude	25 ⁰ 30' 14.07" N
Longitude	85 ⁰ 19' 28.07" E
Elevation above mean sea level	51 m.
Total Plant Area	14444.22 M ²
Nearest Railway Station	Fatuha Railway Station (3 Km.)
Nearest Highway	NH-30 (2 Km.)
Nearest Major City	Patna (25 Km.)
Nearest River	River Ganga (0.6 Km.), River Punpun (3.5 Km.)
National Park, Reserve Forest wildlife Sanctuary Biopere Reserve, Hill & Valleys	Not exist within 10 Km. radius

PART A – SPECIFIC CONDITIONS

- i. No change of Products or capacity shall be undertaken without prior approval of SEIAA, Bihar / MoEF&CC, Govt. of India.
- ii. Sufficient air pollution control system viz. Fume extraction system with dust collectors, ID Fan and Stack of adequate height (as per CPCB) to furnace shall be provided to control emission below 50 mg/NM³.
- iii. Secondary fugitive emissions from all the sources shall be controlled within the latest permissible limits issued by the Ministry and regularly monitored. Guidelines/Code of Practice issued by the CPCB shall be followed.
- iv. The total water requirement shall not exceed 25m³/day. 'Zero' Effluent discharge shall be strictly followed and no wastewater should be discharged outside the premises.
- v. Rain water harvesting structures should be provided to recharge the ground water aquifer. Efforts shall be also made to recycle harvested rain water.
- vi. Green belt over 33% of the total project area should be developed and maintained within plant premises with at least 10 m. wide green belt on all sides along the periphery of the project area in downward direction to mitigate the effects of fugitive emissions as per the CPCB guidelines.
- vii. Occupational Health Surveillance of Workers including regular analysis for respiratory and audiometric parameters shall be done on a regular basis and records shall be maintained as per the Factories Act.
- viii. Proper housekeeping shall be maintained within premises. Process machinery, exhaust and ventilation systems shall be laid in accordance with Factories Act. Better housekeeping practices should be adopted for improvement of the environment within the work environment.
- ix. At least 2.5% of the profit of the project shall be earmarked towards Corporate Social Responsibility (CSR) based on local needs and details along with time schedule for implementation shall be prepared and submitted to the SEIAA, Bihar.
- x. Slags (containing iron) generated due to proposed project operation should not be used for land filling. All the generated iron slag shall be used for cement manufacturing or reuse in iron industries.

- xi. Regular Monitoring and analysis of all environmental components viz. Ambient Air Quality, Stack Emission, Noise Level and Ground water should be done and reports should be submitted to BSPCB, Patna / SEIAA, Bihar.
- xii. Parking & road will not come up in green belt area.
- xiii. For withdrawal of ground water authorization from C.G.W.B. if applicable.

PART B – GENERAL CONDITIONS

- i. The project authorities must strictly adhere to the stipulations made by the Bihar State Pollution Control Board and the State Government.
- ii. Project Proponent should obtain prior Consent to Establish (NOC) under Sec. 25 & 26 of The Water (Prevention & Control of Pollution) Act'1974 and under Sec. 21 of The Air (Prevention & Control of Pollution) Act'1981 from Bihar State Pollution Control Board before start of any construction activities.
- iii. Project Proponent should obtain prior Consent to Operate under Sec. 25 & 26 of the Water (Prevention & Control of Pollution) Act'1974 and under Sec. 21 of The Air (Prevention & Control of Pollution) Act'1981 from State Pollution Control Board before start of production activities.
- iv. Water Meters shall be installed at water intake point and water cess should be submitted to SPCB as per guidelines of E(P) Act.
- v. At least Four Ambient Air Quality Monitoring Stations shall be set up. One in the down wind direction and three where maximum ground level concentration of PM₁₀, PM_{2.5}, SO₂, NO₂, are anticipated in consultation with the Bihar State Pollution Control Board. Data on ambient air quality and stack emission shall be regularly monitored and test reports will be submitted to SEIAA Bihar / BSPCB / once in six months.
- vi. The overall noise levels in and around the plant area shall be kept well within the standards 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).
- vii. The project authorities shall develop rain water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.

- viii. The company shall comply with the recommendations made in the EIA/EMP report.
- ix. The project authorities shall earmarked requisite funds towards capital and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by SEIAA, Bihar with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.
- x. The applicant shall inform the public that the project has been accorded environmental clearance by SEIAA and that the copies of the clearance letter are available with the Website of SEIAA. This shall be advertised within seven days from the date of the clearance letter, in at least two local newspapers that are widely circulated in the region, one of which shall be in the Hindi language and the other in English. A copy each of the same shall be forwarded to SEIAA, Bihar.
- xi. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as soft copy by e-mail) to the Regional Office of MoEF&CC at Ranchi, SEIAA, & Bihar and the State Pollution Control Board.
- xii. The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to Regional Office of MoEF (Ranchi) & SEIAA, Bihar.
- xiii. The project proponent should advertise in at least two local newspapers widely circulated in the region, one of which should be in the vernacular language informing the public that the proposed expansion project has been accorded Environmental Clearance and copies of clearance letters are available with the Bihar State Pollution Control Board and may also be seen on the website of the SEIAA, Bihar. The advertisement should be made within 10 days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the Regional Office of MoEF&CC at Ranchi & SEIAA Bihar.
- xiv. 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.

PART C – CONDITIONS FOR ENTIRE LIFE OF PROJECT

- i. No further expansion / modification in the plant shall be carried out without prior permission of SEIAA, Bihar / MoEF, Govt. of India.

- ii. Project Proponent should obtain Consent to Operate under Sec. 25 & 26 of The Water (Prevention & Control of Pollution) Act'1974 and under Sec. 21 of The Air (Prevention & Control of Pollution) Act'1981 from State Pollution Control Board regularly.
- iii. Slags generated due to proposed project operation should not be used for land filling. All the generated iron slag shall be used for cement manufacturing or reuse in iron industries.
- iv. Occupational Health Surveillance of Workers including regular analysis for respiratory and audiometric parameters shall be done on a regular basis and records shall be maintained as per the Factories Act.
- v. Proper housekeeping shall be maintained within premises. Process machinery, exhaust and ventilation systems shall be laid in accordance with Factories Act. Better housekeeping practices should be adopted for improvement of the environment within the work environment.
- vi. Green belt over 33% of the total project area should be maintained within plant premises with atleast 10 m. wide green belt on all sides along the periphery of the project area in downward direction to mitigate the effects of fugitive emissions as per the CPCB guidelines.
- vii. The project authorities must strictly adhere to the stipulations made by the Bihar State Pollution Control Board and the State Government.

The SEAC/SEIAA Bihar will have the right to amend the above conditions and add additional safeguard measures subsequently, If found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time-bound and satisfactory manner.

Any appeal against this Environmental Clearance shall lie with the National Green Tribunal (NGT), if preferred within a period of 30 days as prescribed under section 16 of the National Green Tribunal Act, 2010.

sd/-

(Prof. R.C. SINHA)
Chairman,
SEIAA, BIHAR

CHAIRMAN
STATE ENVIRONMENT IMPACT
ASSESSMENT AUTHORITY
(SEIAA) BIHAR

Memo No: 304

Patna-23, dated:- 13/7/16

Copy forwarded to:

1. The Principal Secretary, Environment & Forests, Deptt. Govt. of Bihar, Sinchai Bhawan, Patna.
2. The Chairman, Bihar State Pollution Control Board, Patna-23
- ~~3.~~ The Chairman, SEAC, Bihar
4. The Chairman, Central Pollution Control Board, Delhi.
5. The Advisor, (EIA), Indira Paryavaran Bhawan, JorBagh Road, Aliganj, New Delhi-110003
6. Guard file.

R.C. Sinha

(Prof. R.C. SINHA)

Chairman,

SEIAA, BIHAR

STATE ENVIRONMENT IMPACT
ASSESSMENT AUTHORITY
(SEIAA) BIHAR