



SANJIV TYAGI
MEMBER SECRETARY
SEIAA, GUJARAT

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY
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No. SEIAA/GUJ/EC/5(k) & 1 (d)/ /2008

Date:
Time Limit

To,
M/s. Laxcon Steels Ltd,
Plot No. 235, Village: Sari,
Sarkhej-Bavla Highway,
Ta. Sanand, Dist. Ahmedabad.

Sub: Environment Clearance for expansion of the existing steel Plant and captive power plant project at Plot No. 235, Village: Sari, Sarkhej - Bavla Highway, Ta: Sanand, District: Ahmedabad by M/s. Laxcon Steels Ltd.....in Category 5(k) and 1(d) of Schedule annexed with EIA Notification dated 14/9/2006.

Dear Sir,

This has reference to your application made along with Application Form-1 and Rapid Environment Impact Assessment Report submitted to SEAC, seeking Environmental Clearance under Environment Impact Assessment Notification, 2006.

The proposal is for Environmental Clearance for expansion in the existing production capacity with increase in captive power plant capacity by M/s. Laxcon Steels Ltd., Plot No. 235, Village: Sari, Sarkhej - Bavla Highway, Ta: Sanand, District: Ahmedabad. The total plot area of the company is 57,083 sq.m. The proposed expansion will be within the existing land. The total cost of the project would be Rs.35.5 crore. The unit has applied for the expansion in the existing production capacity with increase in captive power plant capacity as under:

Sr. No.	Product	Existing	Proposed	Total
1	SS / MS / Alloy Steel / Casting / Ingots / Billets / Blooms / Slabs / Round Bars / Squares / Hex / Flats / Bright Bars / Coils / Strips / Wire Rod / Pipes & Tubes / etc.	2417 Mt/Month	10083 Mt/Month	12500 Mt/Month
2	Captive Power Plant	2.270 MW.	10 MW.	12.270 MW.

The project activity is covered in 5 (k) & 1 (d) and is of 'B' Category. Since the proposed project is in notified industrial area, it does not need Public Consultation as per Para 7(i) III. Stage (3) (b) – Public Consultation of EIA Notification, 2006.

The SEAC, Gujarat had recommended to the SEIAA, Gujarat, to grant the Environment Clearance to this

project for the above-mentioned products. The proposal was considered by SEIAA, Gujarat in its meeting held on 22.09.2008 at Gandhinagar. Since the EIA/ EMP Report was found to be adequate and complete and the public consultation is not required for the project, the SEIAA hereby accords Environmental Clearance to above project under the provisions of EIA Notification dated 14th September, 2006 subject to the compliance of the following Specific and General conditions.:

A. SPECIFIC CONDITIONS:

A.1 WATER:

1. Water consumption for the project shall not exceed 70 m³/day and shall be met with through existing bore wells only and necessary permission from the competent authority such as Central Ground Water Authority shall have to be obtained. Water meter shall be installed at the all water intake points and its record shall be maintained.
2. The unit shall also adopt the rainwater harvesting from roof tops and storm water drains to recharge the ground water in consultation with the Regional Officer of the GPCB. The unit shall also take up rain water harvesting in nearby schools, villages, etc.
3. There shall not be any discharge of the industrial wastewater from the plant.
4. The project proponent shall provide STP of 60 Kl/day capacity having primary, secondary and tertiary facility for the treatment of the sewage to be generated from the project. Flow meter shall be provided at the inlet and outlet of the STP and its record shall be maintained.
5. The treated sewage shall be used for the gardening and green belt development with in plant as per GPCB norms.
6. The project proponent shall provide guard pond of adequate capacity to at least hold the treated sewage up to 48 hrs especially to take care of the overflowing of the same during the high rainy days. No sewage shall be discharged out side the premises.

A.2 AIR:

7. All the point sources of the flue gas emission shall be provided with the Air Pollution Control Measures (APCM) like bag filters, cyclone separator as submitted in the environment management plan of the project. The design of such APCM shall be validated through the agencies like NPC, IIT and institutes of the similar repute.
8. The design of fume extraction system attached to all such units such as furnaces, rolling mills, annealing mills etc. shall also get validated through agencies like NPC, IIT and institutes of the similar repute.
9. All air pollution control measures shall be interlocked with the main production units and in the case of the non-working condition of the APCM, main production units shall automatically shut down.
10. Fume extraction system with APCM shall be provided to control the gaseous emissions from Induction furnaces / furnaces and shall be discharged into the atmosphere through stacks of adequate height as per CPCB guidelines.
11. The flue gases from rolling mill shall be discharged into atmosphere through a stack of adequate height for

effective dispersion of emissions into the atmosphere.

12. No solid fuel shall be used in the project. Only liquid fuel like LDO / FO as per the consent of the GPCB shall be used.
13. Ambient air quality levels shall not exceed the standards stipulated by Gujarat Pollution Control Board.
14. Regular third party monitoring of the ambient air quality shall be carried out in and around the plant and records shall be maintained. The location of the monitoring stations and frequency of the monitoring shall be decided in consultation with the GPCB.
15. Plasma cutter shall be used in stead of gas cutter to reduce the fugitive emission as stated in the Environment Management Plan.
16. The fugitive emission in the work zone environment shall be monitored. This emission shall conform to the standards prescribed by the concerned authorities from time to time (e.g. Directorate of Industrial Safety & Health, GPCB). Following indicative guidelines shall be followed to reduce the fugitive emission:
 - a) Enclosure shall be provided at all loading and unloading operations.
 - b) Adequate dust extraction system such as hoods, bag filters, water spray system in the dusty area like slag and raw material handling area, moulding-sand handling area and other vulnerable areas shall be provided.
 - c) All transfer points shall be fully enclosed.
 - d) Accumulated dust on the ground and other surfaces shall be removed / swept regularly and water the area after sweeping.
 - e) Internal road shall be either paved properly to reduce the fugitive emission during vehicular movement.
 - f) Air borne dust shall be controlled with water sprinklers at suitable interval in the plant.

A.3 SOLID WASTE:

17. Toxic Chemical Leachability Potential (TCLP) test of the slag shall be carried out for the toxic heavy metals as per schedule 2 of Hazardous Waste Management & Handling Rules-2003 amended from time to time. If presence of hazardous substance is observed in the slag, it shall be dispossessed to the TSDF site. Otherwise disposal of slag shall be done in the land filling at pre-defined places in consultation with the Gujarat Pollution Control Board.
18. STP sludge shall be used as soil conditioner for the green belt area development within premises.
19. Used oil / waste oil shall be sold only to the registered recycler.

A.4 SAFETY:

20. Personal Protective Equipments shall be provided to workers and its usage shall be ensured and supervised.
21. First Aid Box shall be made readily available in the unit.
22. Occupational health surveillance of the workers shall be done and its records shall be maintained. Pre-employment and periodical medical examination for all the workers shall be undertaken on regular basis as per Factories Act & Rules.
23. At all the times, Necessary tie up with the nearby doctor qualified /hospital for occupational health shall be

made to ensure that the medical treatment is given within the shortest possible time in case of any adverse condition.

24. All efforts shall be made for atomization of molten metal handling and human exposure to the molten metal shall be avoided as far as possible.
25. Training shall be imparted to all the workers on safety and health aspects of molten metal handling, heat stress etc to avoid its impact on human being.
26. Sufficient ventilation, exhausts shall be provided to maintain the temperature within the work area. Temperature indicators shall be provided at the vulnerable places in consultation with Director of Safety and health.

A.5 NOISE:

27. The overall noise level in and around the plant area shall be kept well within the standards by providing noise control measures including engineering control like acoustic insulation, hoods, silencers, enclosures etc. on all source of noise generation. The ambient noise level shall conform to the standards prescribed under Environment (Protection) Act & Rules, 1986.
28. Noise levels for workers shall be as per the Factories Act & Rules.

A.6 CLEANER PRODUCTION AND WASTE MINIMISATION:

29. Closed circuit cooling system will be adopted to minimize the water consumption.
30. The company shall undertake following various waste minimization measures including:
 - a) Metering/ measuring and control of quantities of active ingredients to minimize waste.
 - b) Reuse of by-products from the process as raw materials or raw materials substitutes in other process.
 - c) Use of automated and enclosed filling to minimize spillages.
 - d) Venting equipment through vapour recovery system.
 - e) Use of close feed system into project.
 - f) Regular training and exposure of the staff to the cleaner production practices.

A.7 GREEN BELT AND OTHER PLANTATION:

31. The green belt area within the plant shall be 20,000 Sqm. as submitted shall be provided within the premises of the project consisting of at least three rows of trees of local species. The number of trees in the green belt should be as per guidelines of CPCB.

B. GENERAL CONDITIONS:

32. To the extent possible the local people only shall be employed as per the guidelines of the Labour Department, Government of Gujarat.
33. The project proponent shall tie-up with local ITI or other technical institutes to train the local youth as per the need of the project to fulfill the norms of local employment criteria.
34. All the responses /commitments made during the public hearing of the project shall be fulfilled in the time bound manner.

35. The unit shall have in house Environment Management Cell with qualified EHS officer which shall be responsible for the implementation of the EMP as submitted.
36. All the recommendations of CREP guidelines as may be applicable from time to time shall be followed vigorously.
37. All the recommendations made in the EIA / EMP report of the project and the undertaking submitted by the project proponent shall be implemented.
38. The unit shall take up necessary socio-economic upliftment activities as Corporate Social Responsibility and shall submit list of activities with annual budget allocation to the SEIAA.
39. The compliance report to the conditions stipulated hereinabove shall be furnished to the SEIAA as has been specified in the EIA Notification, 2006.
40. At no time, the emissions shall exceed the prescribed limits. In the event of failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.
41. The project management shall also comply with all the environment protection measures, risk mitigation measures and safeguards recommended in the EIA / EMP report as well as other proposals made by them.
42. The applicant shall also comply with any additional condition that may be imposed by the SEAC or the SEIAA or any other competent authority for the purpose of the environmental protection and management.
43. No further expansion or modifications in the plant shall be carried out without prior approval of the MoEF/ SEIAA, as the case may be. In case of deviations or alterations in the project proposal from those submitted to MoEF/ SEIAA/ SEAC for clearance, a fresh reference shall be made to the SEIAA/ SEAC to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
44. The project authorities shall earmark adequate funds to implement the conditions stipulated by SEIAA as well as GPCB along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.
45. The applicant shall inform the public that the project has been accorded environmental clearance by the SEIAA and that the copies of the clearance letter are available with the GPCB and may also be seen at the Website of SEIAA/ SEAC/ GPCB. 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 Gujarati language and the other in English. A copy each of the same shall be forwarded to the concerned Regional Office of the Ministry.
46. It shall be mandatory for the project management to submit half-yearly compliance report in respect of the stipulated prior environmental clearance terms and conditions in hard and soft copies to the regulatory authority concerned, on 1st June and 1st December of each calendar year.
47. The project authorities shall also adhere to the stipulations made by the Gujarat Pollution Control Board.
48. The project authorities shall inform the GPCB, Regional Office of MoEF and SEIAA about the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.
49. The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not found satisfactory.
50. The company in a time bound manner shall implement these conditions. The SEIAA reserves the right to stipulate additional conditions, if the same is found necessary. The above conditions will be enforced, inter-

alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act 1986, Hazardous Wastes (Management and Handling) Rules, 2003 and the Public Liability Insurance Act, 1991 along with their amendments and rules.

51. This Environmental Clearance is valid for five years from the date of issue.

With regards,
Yours sincerely,

(SANJIV TYAGI)
Member Secretary,
State Level Environment Impact Assessment Authority
Gujarat

Copy to:-

1. The Secretary, Department of Environment and Forests, Govt. of Gujarat, Secretariat, Gandhinagar-382010.
2. The Chairman, Central Pollution Control Board , Parivesh Bhavan, CBD -cum-Office Complex, East Arjun Nagar, New Delhi-110032
3. The Chief Conservator of Forests (Central), Ministry of Environment & Forests, Regional Office (WZ), E-5, Arera Colony, Link Road-3, Bhopal-462016, MP
4. Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi-110003.
5. The Member Secretary, Gujarat Pollution Control Board, Paryavaran Bhavan, Sector-10-A, Gandhinagar-382 010.
6. Select File.