

State Level Environment Impact Assessment Authority, Rajasthan

4, Institutional Area, Jhalana Doongri, Jaipur-302004

Phone: 0141-2705633, 2711329 Ext. 361

No: F 1(4)/SEIAA/SEAC-Raj/Sectt/Project/ Cat3 (a) (c) (ii) B1 (207)/08-09

Jaipur, Dated: 26.11.09

To,

M/s Shree Prithvi Iron Mills Pvt. Ltd.

B-190 (A), Road no.9-F

VKIA, Jaipur

Sub: EC for proposed unit "Shree Prithvi Iron Mills Pvt. Ltd." a unit for manufacturing M. S. Angle/Channels/Bars/ Section, etc. at B-190 (A), Road no.9-F VKIA, Jaipur by M/s Shree Prithvi Iron Mills Pvt. Ltd, Jaipur.

Sir,

This has reference to your application No Nil dated 07-08-09 seeking environmental clearances for the above project under EIA Notification 2006. The proposal has been appraised as per prescribed procedure in the light of provisions under the EIA Notification 2006 on the basis of the mandatory documents enclosed with the application viz. the questionnaire, EIA, EMP and additional clarifications furnished in response to the observation of the State Level Expert Committee Rajasthan, in its meetings held on 27/28.08.09 & 29.9.09.

2. Brief details of the Project:


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| 1. Category: | B-1 |
| 2. Item No (in the Schedule): | 3 (a) (c) (ii) (all other non tonic secondary metallurgical processing industries > 5,000 tonnes/annum). |
| 3. Location of Project | Plot no. B-190 (A), Road No. - 9-F, VKI, Jaipur |
| 4. Plot Area | Total - 3,346 M ² |
| 5. Product & Capacity | MS Angle, Chanel, Bar, Section, etc. Total Production Capacity 30,000 MTA. |
| 6. Expected Cost: | Rs. 471.94 Lakhs |
| 7. Water Requirement & Source | 1. Total requirement-7 KLD (i.e. for industrial 5 KLD and for domestic 2 KLD)
2. Recirculation of water - 4 KLD.
3. Water Losses (due to evaporation & others) - 1.5 KLD.
4. Hence daily fresh water demand - 3.5 KLD
5. Source: PHED water supply. Consent letter no. 229 dated 24.06.2009. |
| 8. Fuel & Energy: | 1. Total Power requirement - 1450 KVA Source: is JVVNL
2. Coal as fuel for furnace - 1800 MTA Storage capacity of Coal - 50 MT
3. No DG Set is required. |
| 9. Environmental Management Plan | 1. Out of total project out lay of Rs. 471.94 lakhs, the PP has provided Rs. 4.30 lakhs as capital cost for PCM and Rs. 23,000/- for annual O & M.
2. The Interim Rapid EIA Report describes mitigation measures suggested for controlling pollution to Air, Water & Noise Environment, Socio Economy and Solid Wastes etc. |
| 10. Present Status | 1. After signing of Revised Lease Deed with RIICO on 13.11.2007 and issue of CTE letter by RSPCB on 19.12.2007, the PP has <u>undertaken and completed the Civil Construction of buildings and sheds in factory premises. This is evident from the site photographs and also stated in introductory paragraph of EIA report.</u>
2. In the Form No. 4242 submitted to DIC for Registration, at item no. 9, <u>the PP has mentioned 10-2008 (i.e. October, 2008) as month of installation of plants and machinerv. Also the registration certificate issued by the DIC mentions "07.10.2008" as the date of commencement of activity in the Unit.</u>
3. <u>Thus the proposed project is a case of violation.</u>
4. This Industrial unit is located in notified <u>VKI Industrial Area, Jaipur developed by RIICO</u> , therefore, any detailed EIA and public hearing is not required. |

3. The SEAC Rajasthan after due considerations of the relevant documents submitted by the project proponent and additional clarifications/documents furnished to it have recommended for Environmental Clearance with certain stipulations. The SEIAA Rajasthan after considering the proposal and recommendations of the SEAC Rajasthan hereby accord Environmental Clearance to the project as per the provisions of Environmental Impact Assessment Notification 2006 and its subsequent amendments, subject to strict compliance of the terms and conditions as follows:

- i The capacity of the industry shall be limited for production of MS Angle, Chanel, Bar, Section with total Production Capacity 30,000 MTA.
- ii The PP shall achieve the stack emission standards and ambient air standards as notified under EP Rules '86.
- iii The PP shall ensure implementation of the proposed EMP in its letter and spirit. As proposed in EIA/EMP report, the PP shall earmark and use a sum of Rs.4.3 lakhs towards the capital cost and Rs.23, 000 towards environmental management and the O&M of pollution control systems etc. These funds should be kept in separate account and should not be diverted for other purposes and year wise expenditure should be reported to the RPCB under the rules prescribed for environmental audit.
- iv The capacity of the industry shall be limited for production of CTD & TMT Steel Bars; 75,000 TPA.
- v Water consumption shall be limited to 7 KLD (5 KLD for industrial water demand and 2 KLD domestic water demand). There will be about 1.5 KLD evaporation losses. Hence daily fresh water demand shall be 3.5 KLD. About 3.5 KLD of water shall be re-circulated and 1.5 KLD (approximately) domestic sewage shall be disposed of through septic tank and soak pit arrangement. Water demand will be met from the PHED supply.
- vi The power requirement has been estimated to be 1450 KVA. The PP should plan and execute a safe and hazard free system for the drawal of electricity from 132/33 KV S/S from where independent 33 KV line shall be drawn (service line) to cater this load ensuring that voltage regulation is within permissible limit.
- vii The stack height for disbursement of the process emissions shall not be less than 30.00 Mtrs. above GL.
- viii The PP shall ensure implementation of the proposed EMP in its letter and spirit.
- ix The PP shall operate its unit with prior Consent to Establish and Consent to Operate under the provisions of Water (Prevention & Control of Pollution) Act'74 and Air (Prevention & Control of Pollution) Act'8.
- x The particulate matter and gaseous emissions (SO_x, NO_x, CO, CO₂ etc) from various processes/ units/ storages should conform to the standards prescribed by the RPCB/CPCB or under the EP Rules'86.
- xi At no time, the emissions should go beyond the prescribed standards. In the event of failure of any pollution control system adopted by the units, the unit shall immediately put off operation and shall not restart until the control measures are rectified to achieve the desired efficiency.
- xii Ambient air quality monitoring stations should be set up in the down wind direction as well as where maximum ground level concentration of SPM, SO_x, NO_x, CO, CO₂, are anticipated in consultation with RPCB.
- xiii Portholes and sampling facilities should be provided for the stacks emissions monitoring as per the CPCB guidelines. Stack emissions should be monitored in consultation with RPCB.
- xiv Data on ambient air quality and stack emissions should be submitted to RPCB once in six months carried out by MOEF/NABL/CPCB/RPCB/Government approved lab.
- xv The PP should provide separate drainage and outlets with the precaution that the storm water shall not come into contact with waste battery/waste sludge/lead ingots.
- xvi The waste slag of the process is hazardous in nature and, therefore, must be handled as per the provisions of Hazardous Waste (Management, Handling & Trans boundary Movement) Rules, 2008. Authorization is to be obtained from Rajasthan State Pollution Control Board for its management and disposal.
- xvii Handling, manufacture, storage and transportation of hazardous chemicals should be in accordance with the Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 (amended till date).
- xviii Adequate measures for the control of noise should be taken so as to keep the noise levels below 85 dB (A) in the work environment. Persons working near the machines should be provided with well-designed ear muffs/plugs and other personnel protective equipments.
- xix Suitable alarm system and standard procedure for transmitting the information on the occurrence of an accident to the proper focal point should be established.
- xx Efforts should be made to increase green belt all around the premises. Native plant species should be selected for this purpose in consultation with the local Forest Department A green belt development plan be prepared and implemented so as to cover at least 33% area of the plot size.

- xxi A qualified person in the field of environment or separate Environmental Management Cell to be established to implement and carry out various functions is set up under the control of a Senior Executive who will report directly to the head of the project.
- xxii The PP will ensure that no employee or worker remains on duty within the plant premises for more than 8 hours per day in one stretch. No residential facilities (even for security staff) within the factory premises will be provided.
- xxiii Periodical medical check up especially for the presence of Lead in the blood of the workers should be done in six months and records be submitted.
- xxiv A voluntary commitment of the Social responsibility activities to be undertaken by the project proponent is to be given and the budgeted amount proposed for such activity will be kept.
- xxv The PP shall ensure that, the EC letter as well as the status of compliance of EC conditions and the monitoring data are placed on company's website and displayed at the project site.
- xxvi Six monthly compliance status reports on project along with implementation of environmental measures shall be submitted to MoEF, Regional Office, Lucknow and RPCB.
- xxvii The SEIAA, Rajasthan reserves the right to add new conditions, modify/ annual any condition and/or to revoke the clearance if implementation of any of the aforesaid condition/other stipulations imposed by competent authorities is not satisfactory.

Yours faithfully,


(Sankatha Prasad)
Member Secretary
SEIAA Rajasthan

Copy to following for information and necessary action:

1. Secretary, Ministry of Environment and Forest, Govt. of India, Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi. Expert Appraisal Committee has observed that violation of EIA Notification has been made by the proponent. Hence, legal action may be started against the proponent for the violation.
2. Principal Secretary, Environment Department, Rajasthan, Jaipur. Expert Appraisal Committee has observed that violation of EIA Notification has been made by the proponent. Hence, legal action may be started against the proponent for the violation.
3. Shri S.C. Derashri, Chairman, SEIAA Rajasthan, 90, Geejgarh Vihar, Hawa Sarak, Jaipur.
4. Shri R.S. Bhandari, Member, SEIAA Rajasthan, 2- Museum Road, Ram Niwas Bagh, Jaipur.
5. Member Secretary, Rajasthan State Pollution Control Board, Jaipur.
- ✓ 6. Member Secretary, SEAC Rajasthan.
7. The CCF, Regional Office, Ministry of Environment & Forests, RO(CZ), Kendriya Bhawan, 5th Floor, Sector 'H', Aliganj, Lucknow-226 020.
8. IA- Division, Monitoring Cell, MoEF, Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi-110003.


M.S. SEIAA (Rajasthan)