

## State Level Environment Impact Assessment Authority, Rajasthan

4, Institutional Area, Jhalana Doongri, Jaipur-302004

Phone: 0141-2705633, 2711329 Ext. 361

No: F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. 3 (a) B1/ (279) / 2010-11

Jaipur, Dated:

26 SEP 2012

To,

M/s Anil Special Steel Industries Ltd.,  
Kankpura. P.O. Meenawala,  
Jaipur

**Sub:** EC for proposed MS billets manufacturing plant along with rolling of in-house manufactured billets into TMT bars of Anil Special steel Ind. Ltd., at village – Anathpura-Chimanpura, Tehsil- Chomu, District-Jaipur.

Sir,

This has reference to your application dated 23.4.10 seeking environmental clearances for the above project under Environment Management Plan Notification 2006. The proposal has been appraised as per prescribed procedure in the light of provisions under the Environment Management Plan Notification 2006 on the basis of the mandatory documents enclosed with the application viz: the questionnaire, Environment Management Plan, Environment Management Plan and additional clarifications furnished in response to the observation of the State Level Expert Committee Rajasthan, in its meeting held on 26/27.5.10, 30.4.12 – 1.5.12 & 21/22.8.12.

### 2. Brief details of the Project:

1.	Category / Item No. (in the Schedule):	3 (a) B1																																		
2.	Location of Project	(i) Khasra Numbers-Total 15 (889, 896, 898, 891, 888, 892, 893/1911, 894, 895, 864 / 1912, 863, 865/1680, 866, 867 and 864) (ii) Village- Anantpura, Tehsil-Chomu, District Jaipur.																																		
3.	Plot Area	Total 20,200 sq. meters																																		
4.	Product & Capacity	S. No	Products	Capacity (TPA)																																
		1	M.S. Billets	80,000																																
		2	TMT Bars	1,20,000																																
5.	Project Cost:	Total Rs. 51.17 Crores.																																		
6.	Water Requirement & Source	(1) One time water demand 805 (Unit=KLD) (2) Recycled water 715 (3) Fresh water - ( Industrial - 85, Domestic -5) Total - 90 Source:- Bore Well (2 no.) Application dt. 10.08.2010 submitted to CGWB for NOC for 105 KLD withdrawal of ground water.																																		
7.	Fuel & Energy:-	(1) Power Requirement:- <table border="1" style="width: 100%; margin: 5px 0;"> <tr> <td style="text-align: center;">Connected Load</td> <td style="text-align: center;">Contract Demand</td> </tr> <tr> <td style="text-align: center;">14,930 kVA</td> <td style="text-align: center;">12,500 kVA</td> </tr> </table> Source: - 132 kV GSS at Govindgarh (about 0.2 km away from project site.) (2) Fuel Requirement:- <table border="1" style="width: 100%; margin: 5px 0;"> <tr> <td style="width: 30%;">(i) HSD (for two DG sets)</td> <td style="width: 30%;">Total Required 200 LPD</td> <td style="width: 40%;">For 200 kVA DG sets - 80 LPD For 380 kVA DG sets - 120 LPD</td> </tr> <tr> <td>(ii) Pet Coke</td> <td>40 to 50 kg / Ton</td> <td>In the Gasifier for producing clean gas for reheating billets.</td> </tr> </table>			Connected Load	Contract Demand	14,930 kVA	12,500 kVA	(i) HSD (for two DG sets)	Total Required 200 LPD	For 200 kVA DG sets - 80 LPD For 380 kVA DG sets - 120 LPD	(ii) Pet Coke	40 to 50 kg / Ton	In the Gasifier for producing clean gas for reheating billets.																						
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9.	Environment Management Plan:-	Cost of Environmental Protection Measures (Amount in Rs.) (Note:- As per table 9.3 on Page - 219 of EIA report) <table border="1" style="width: 100%; margin-top: 10px;"> <thead> <tr> <th style="width: 5%;">S. No</th> <th style="width: 40%;">Item</th> <th style="width: 20%;">Capital Cost</th> <th style="width: 35%;">Annual Recurring Cost</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Air Pollution Control</td> <td style="text-align: right;">2,50,000</td> <td style="text-align: right;">25,000</td> </tr> <tr> <td>2</td> <td>Water Pollution Control</td> <td style="text-align: right;">1,50,000</td> <td style="text-align: right;">15,000</td> </tr> <tr> <td>3</td> <td>Noise Pollution Control</td> <td style="text-align: right;">1,00,000</td> <td style="text-align: right;">10,000</td> </tr> <tr> <td>4</td> <td>Environment Monitoring and Management</td> <td style="text-align: right;">90,000</td> <td style="text-align: right;">9,000</td> </tr> <tr> <td>5</td> <td>Occupational Health</td> <td style="text-align: right;">80,000</td> <td style="text-align: right;">8,000</td> </tr> <tr> <td>6</td> <td>Green Belt</td> <td style="text-align: right;">50,000</td> <td style="text-align: right;">5,000</td> </tr> <tr> <td></td> <td style="text-align: center;">Total</td> <td style="text-align: right;">7,20,000</td> <td style="text-align: right;">72,000</td> </tr> </tbody> </table>			S. No	Item	Capital Cost	Annual Recurring Cost	1	Air Pollution Control	2,50,000	25,000	2	Water Pollution Control	1,50,000	15,000	3	Noise Pollution Control	1,00,000	10,000	4	Environment Monitoring and Management	90,000	9,000	5	Occupational Health	80,000	8,000	6	Green Belt	50,000	5,000		Total	7,20,000	72,000
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10	Corporate Social Responsibility Activities:-	(Amount in Lac Rs.)				
		S. No	Activities	Capital Cost (1st Year)	Capital Cost (2nd Year)	Recurring Cost
		1	Installation of Rain water Harvesting plant at village level in nearby villages like Anantpura, Chimanpura, Udaipuriya and Itawa in the public facilities.	4.00	4.00	1.50
		2	Facilities Development at the Education and Health Centers involving permanent structures and village development activities like beds / surgical appliances/ Books for school library / Merit cum Need Scholarship for the study area of the Youth etc.	2.00	2.40	1.50
		3	Women empowerment through creation of jobs in Cleanliness at village level / Water Hutments in Summers for villagers.	1.50	1.50	0.30
		4	Green Belt Development on both sides of the main street around the Panchayat Region in Anantpure-Chimanpura Chomu.	0.50	-	0.20
		5	Installation of Fans (4) in the Village Panchayat.	-	0.10	-
		6	Technical training to work in steel plants for the villagers in 10 km periphery for skilled employment generation.	2.00	2.00	0.50
			Total	10.00	10.00	4.00

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. SEAC, Rajasthan has also reported that violation of the Environment Impact Assessment Notification, 2006 has been done by starting construction by getting environmental clearance. The proponent has submitted a written commitment in accordance with MoEF, Office Memorandum No. J-11013/41/2006-IA.II(I) dated 16.11.10 that the company will not take any violation of Environment (Protection) Act, 1986 in future. 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 study area will comprises of 10 km zone around the project area.
  - ii Plant layout will be superimposed at center of topo sheet of 10 km radius.
  - iii Land use of the study area as well as the project area will be given in EIA/EMP report.
  - iv The land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, wildlife corridor, water bodies, human settlements and other ecological features will be given in EIA/EMP report.
  - v The PP shall submit a copy of document from land revenue records (i.e. Girdawri) in support of contention that agricultural practices are not being implemented for a long time in the land of project site.
  - vi Location of National Parks, Sanctuaries, Biosphere Reserves (existing as well as proposed), if any, within 10 km. of the project area will be clearly indicated. There is no ecologically sensitive area with in the study area and the same will authenticated from the State Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act. 1972 and copy will be furnished.
  - vii Location of other industries & mines within the study area along with their production and pollutants generated by them. The same shall be taken in to account while generating mathematical models of pollution dispersion and proposing the Environmental Management Plan.
  - viii A detailed biological study for the project [core zone and buffer zone (10 km. radius of the periphery of the project area)] will be made. Details of flora and fauna, separately for core and buffer zone, will be furnished based on field survey clearly indicating the schedule of the fauna present. There is no scheduled-I fauna found in the study area, if any then necessary plan for their conservation will be prepared in consultation with State Forest and Wildlife Department and details furnished. Necessary allocation of funds for implementing the same will be made as part of the project cost.
  - ix Study of small plants, shrubs in the study area to be provided.

- x Flora and fauna - Identification of all species of flora and fauna including endangered and endemic species and the same will be authenticated from DFO.
- xi Complete process flow diagram describing each unit, its process and operations, along with material and energy inputs and outputs (material and energy balance) will be given. Efforts of energy conservation at each of the stages may be elaborated. The PP may provide relative data of production (in tonnes) in terms of (i) unit of energy(KWH) used, (ii) water used(KL), (iii) raw material and relate it to the industrial benchmarks
- xii The industrial water demand as well as domestic water demand of the unit will be elaborated. For abstraction of ground water, NOC from CGWA shall be obtained.
- xiii Details about effective rain water harvesting system to be established will be given.
- xiv Details about the power line of 33 kV to be laid down by JVVNL from the substation to the site, shall be elaborated, a part form details regarding energy and fuel requirements.
- xv Effective energy conservation and fuel conservation plans may be prepared.
- xvi The PP should give details of energy saving plan, particularly for conservation of the electrical energy (connected load of 3,000 KW) system should be so designed as to reduce energy losses.
- xvii The PP should provide the details of furnace heating system including the quantity and quality of the fuel used/ other source of energy. The PP should provide a commitment to use best available technology and pollution control equipment in the plant
- xviii Collection of one season primary baseline data of ambient air quality( as per NAAQS 2009) – Twice a week on 24 hourly basis for one season, water quality, soil -Once in a season, noise quality – 24 hourly monitoring at four locations (including site) will be done and incorporated in the detailed EIA/EMP report. Out of the four locations, one monitoring station will be in the upwind direction and one in downwind direction where maximum GLC is likely to fall. Air quality modeling using Gaussian Mathematical expression for GLC.on short term basis will be carried out for prediction of impact of the project on the air quality of the area. It will also take into account the impact of movement of vehicles for transportation of raw material and manufactured goods.
- xix The traffic survey of that area and impact on the traffic due to additional transportation from the proposed unit will be elaborated.
- xx Waste water generated from the industrial & miscellaneous purposes and domestic purposes will be treated in Effluent treatment plant and Sewage treatment plant. Provide details of hydraulic design of the STP and ETP and provide details of pollution control systems proposed to be installed.
- xxi The PP should carry out ground water monitoring in the up and down stream for contamination from MOEF/ NABL/ GoR approved laboratory.
- xxii Assessment and details relating to the impacts on water resources in proximity of the site.
- xxiii Sources of air, water, soil and noise pollution from the site, necessary safeguard measures, pollution control equipments and Environmental Management Plan will be elaborated.
- xxiv The PP shall carry out a detailed study of air pollution control systems Bag filters/Scrubbers /packed bed scrubbing system / ESP to justify the efficacy/extent of control systems suggested, indicating various sources of air pollution, their emission rate, the control established and Specifications and Technical details of air pollution control equipments shall be given.
- xxv Details of R&R plan required, if any, may be provided
- xxvi The People affected by the Project (i.e. the people losing their land) may be suitably rewarded as per provisions of existing Acts and Rules.
- xxvii The project is likely to generate large transportation system. Hence its socio economic aspect may be studied
- xxviii The Socio economic survey of the population in local surrounding area, to assess their felt needs may be carried out in pre and post project implementation period. Based upon the findings of this survey, plans for addressing the issues according to felt need pertaining to social upliftment, habitat, drinking water, sanitation, health, educational, employment, livelihood activities etc. for the benefit to the society, may be prepared and financial provision for the same may be kept in the project. The socio-economic influence to the local community shall be elaborated including CSR activities. Details in this regard may be provided in the EIA/EMP report. The PP may explore to initiate CSR activities in the area along with EIA studies.
- xxix The PP should work out the feasibility of adopting “Automatic Rolling System” to prevent accident (s) which might occur due to handling of hot material. Accordingly, the EIA report should necessarily incorporate a systemic “Risk Analysis Study” as per the generic requirements of EIA Notification 2006.
- xxx Risk analysis, occupational health & safety and DMP (measures to avoid any risk and DMP for any hazard situation of existing unit and for new plant) will be given in EIA/EMP report.
- xxxi Details of the safety measures to protect health of workers as per provision of relevant factory act and rules.
- xxxii A temporary rest/ shelter room, first aid facility, drinking water and sanitation facility will be provided for the workers during construction phase.
- xxxiii Medical check up of the all workers will be done periodically as per the Factory Rules and the impact assessed.

- xxxiv The total cost of the project (capital cost and recurring cost) as well as the cost towards implementation of EMP will be clearly indicated.
- xxxv Specification of machineries including material handling systems will be elaborated.
- xxxvi Cost-benefit analysis will be elaborated. Energy conservation measures will also be defined along with cost benefit analysis.
- xxxvii Compliance to the recommendations mentioned in CREP guidelines will be given in detail.
- xxxviii The land conversion letter submitted by the PP along with Form-1 & the feasibility report, has been issued by the SDO, Chomu for establishing non polluting, small scale industry. Hence the PP shall get the land conversion order properly rectified from the District Collector/ SDO, so as to permit the installation of proposed unit.
- xxxix The PP shall submit a copy of the application Form submitted by him for registration in District Industries Center, and also a copy of acknowledgement letter issued by the DIC.
- xl Public hearing points raised and commitment of the project proponent on the same with time bound action plan and adequate budgetary provisions shall be incorporated for the same in the EMP report.
- xli The project proponent shall give an undertaking that the EIA consultant should be NABET accredited, if the EIA is presented after 30th June 2010 and that all data presented by the EIA consultant hold his approval and are factually correct.
- xlii Besides the above, the following general points will also be followed:
- All document to be properly referenced with index and continuous page numbering.
  - Where data are presented in the report especially in table, the period in which these were collected and the source should be indicated.
  - Where the documents provided in a language other than English, an English translation should be provided.

Yours faithfully,

*Sd -*  
 (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. The SEAC, Rajasthan has observed that significant construction work of the proposed project has been completed and recommended for legal action against the proponent for violation of Environment (Protection) Act, 1986. Hence, legal action may be started against the proponent.
2. Addl. Chief Secretary, Environment Department, Rajasthan, Jaipur. The SEAC, Rajasthan has observed that significant construction work of the proposed project has been completed and recommended for legal action against the proponent for violation of Environment (Protection) Act, 1986. Hence, legal action may be started against the proponent.
3. Smt. Alka Kala, Chairman, SEIAA, Rajasthan, 69-A, Bajaj Nagar Enclave, Jaipur
4. Shri Moti Lal Daima, Member, SEIAA, Rajasthan, 48/9, Moti Path, Mansarovar, Jaipur.
5. Member Secretary, Rajasthan State Pollution Control Board, Jaipur for information & necessary action and to display this sanction on the website of the Rajasthan State Pollution Control Board, Jaipur. The SEAC, Rajasthan has observed that significant construction work of the proposed project has been completed and recommended for legal action against the proponent for violation of Environment (Protection) Act, 1986. Hence, legal action may be started against the proponent.
6. Secretary, SEAC Rajasthan.
7. The CCF, Regional Office, Ministry of Environment & Forests, RO(CZ), Kendriya Bhawan, 5<sup>th</sup> Floor, Sector 'H', Aliganj, Lucknow-226 020.
8. IA- Division, Monitoring Cell, MoEF, Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi-110003.
9. Nodal Officer (Departmental Website), Department of Environment, Government of Rajasthan, Jaipur with the request to upload the copy of this environmental clearance on the website.

*M.S.*  
 M.S. SEIAA (Rajasthan)

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