



## STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY, (SEIAA), ORISSA.

(Constituted vide order No. S.O. 2674 (E) Date 17<sup>th</sup> Nov. 2008 of Ministry of Environment & Forest, Govt. of India, Under Environment Protection Act, 1986.) Qr. No. 5RF-2/1, Unit-IX, Bhubaneswar-751022  
[E-mail-seiaaorissa@gmail.com](mailto:E-mail-seiaaorissa@gmail.com), Website - [www.orissaseiaa.gov.in](http://www.orissaseiaa.gov.in)

Ref. No. \_\_\_\_\_

Dt. \_\_\_\_\_

From

Bhagirathi Behera, IFS  
Director, Environment-cum-  
Spl. Secy. to Government  
Forest & Env. Deptt.  
& Member Secretary, SEIAA

To

Sri Manish Patodia  
Kesari Rolling Mills Pvt. Ltd.  
Plot No-S3/122-126 & 129-131  
IDC, Kalunga-770031, Sundargarh

Sub: Environmental Clearance in favour of Sri Manish Patodia of Kesari Rolling Mills Pvt. Ltd. for re-rolling mills for production capacity of 72000 TPA at Kalunga district Sundargarh.

Sir,

This has reference to your letter No. KRMP/09-10/001 dated 27.06.09, letter dated 10.08.09, letter dated 13.08.09 and letter No. KRM/POLL/2010/EIA-14(A) dated 07.04.2010 along with the application for Terms of Reference (TOR) for Environmental Clearance on the above mentioned subject; I am directed to say that the State EIA Authority considered the application on the proposal for re-rolling mills for production capacity of 72000 TPA at Kalunga district Sundargarh. The proposal is for installation of a rolling mill of capacity 72000 MT/Annum on Plot No. S3-122, Industrial Estate, Kalunga, Dist. Sundargarh. The TOR for this project was issued on 29.09.2009. Revised ToR issued on 03.03.2010 by SEAC. The SEAC recommended to exempt public hearing as per section 7(III) (b) of EIA notification, 2006. There are no sanctuaries, National Parks, Tiger reserve or Biosphere reserve existing within 10 km radius.

Considering the information furnished and presentation made by the consultant Mr. Subhanga Praharaj, M/s. Cleeanviron Private Limited, C/50, Koelnagar, Rourkela environmental consultant of the project proponent.

Based on the information, documents and clarification provided by you, the State EIA Authority here by accords for Environmental Clearance in favour of the project for a period of five years for production capacity 72000 TPA at Kalunga district Sundargarh under the provisions of the Environmental Impact Assessment Notification, 2006, Notification 2009 and

subsequent amendment there to under various MOEF circulars there under and subject to the following stipulated conditions.

**Stipulated Conditions:-**

1. The applicant (Project proponent) will take necessary measures for prevention, control and mitigation of Air Pollution, Water Pollution, Noise Pollution and Land Pollution including solid waste management as mentioned by him in Form – 1, Final EIA reports and Environment Management Plan(EMP) in compliance with the prescribed statutory norms and standards.
2. The applicant will take necessary steps for socio-economic development of the people of the area on need based assessment for providing employment, education, health care, drinking water and sanitation, road and communication facilities etc. after a detailed primary socio-economic survey.
3. The applicant will take statutory clearance/ approval/permissions from the concerned authorities in respect of his project as and when required.
4. For post environmental clearance monitoring, the applicant will submit half-yearly compliance report in respect of the stipulated terms and conditions of Environmental Clearance to the State Environmental Impact Assessment Authority (SEIAA), Orissa on 1<sup>st</sup> June 1<sup>st</sup> December of each calendar year.
5. Coal gasification to replace/ supplement fuel oil for reheating of ingots before rolling is ruled out since technical details of the gasification unit are not included. Moreover, there can not be dual fuel source since each one would be associated with different kinds of environmental concerns. The industry does not have the required space within their area to locate the gasifying unit.
6. If the proponent will adopt producer gas as fuel in place of oil, they should inform technical details with associated environmental concerned to SEIAA and obtain permission from the State Pollution Control Board, Orissa.
7. Even though the Company has proposed to use low sulfur fuel for the furnace, their SO<sub>x</sub> emission at the outlet is shown as 80 g/M<sup>3</sup>, which is much higher than expected. This might lead to a substantial increase in SO<sub>x</sub> level in the immediate vicinity affecting occupational health of the workers. Moreover, the present background level in the area is shown as <10 g/m<sup>3</sup> even though a number of sponge iron units are located in the Kalunga Industrial Estate itself. They should get a low sulfur emitting reheating furnace from a reputed firm.
8. Similarly, space for safe storage of fuel oil and its subsequent hazards like fugitive emissions and fire fighting measures are to be ensured.
9. The 63 KVA diesel generator unit proposed does not have adequate fuel storage space with associated safety measures. The chimney height is also not specified.
10. Gaseous emissions including 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.

11. Vehicular pollution due to transportation of raw material and finished product shall be controlled. Proper arrangements shall also be made to control dust emissions during loading and unloading of the raw material and finished product. All the raw materials shall be transported in the closed containers only and shall not be overloaded. Vehicular emissions shall be regularly monitored.
12. Dust suppression and extraction system shall be provided to control dust emissions from all the vulnerable sources like raw material handling and storage areas. All the material transfer points, discharge points and raw material storage area shall be completely covered. Fugitive emissions shall be regularly monitored and records maintained.
13. The critical parameters such as SPM, RSPM, NOX in the ambient air within the impact zone, peak particle velocity at 300 m distance or within the nearest habitation, whichever is closer shall be monitored periodically. Further, quality of discharged water shall also be monitored [(TDS, DO, PH and Total Suspended Solids (TSS)]. The monitored data shall be uploaded on the website of the company as well as displayed on a display board at the project site at a suitable location near the main gate of the Company in public domain. The circular No. J-20012/1/2006-IA II(M) dated 27.05.2009 issued by Ministry of Environment and Forests which is available on the website of the Ministry [www.envfor.nic.in](http://www.envfor.nic.in) shall also be referred in this regard for its compliance.
14. All the solid/ hazardous waste i.e. oily waste shall be stored separately in designated place only and disposed off in environment friendly manner.
15. The treated effluents conforming to the prescribed standards shall be re-circulated and reused within the plant. There shall be no discharge outside the plant boundary. Arrangements shall be made so that effluents and storm water do not get mixed.
16. A sewage treatment plant shall be provided and the treated sewage shall be used for raising greenbelt/ plantation.
17. Rainwater harvesting should be adopted. Central Groundwater Authority/ Board shall be consulted for finalization of appropriate rainwater harvesting technology within a period of three months from the date of clearance and details shall be furnished to the SEIAA, Orissa.
18. A Green belt of adequate width and density preferable with local species along the periphery of the plant & along-side roads etc. shall be raised so as to provide protection against particulates and noise.
19. First aid and sanitation arrangements shall be made for the drivers and other contract workers during construction phase.
20. Provision shall be made for housing of construction labourers within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.

21. A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
22. Half yearly report on the status of implementation of the stipulated conditions and environmental safeguards shall be submitted to the appropriate authorities
23. Separate funds shall be allocated for implementation of environmental protection measures along with item-wise break-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should be reported.
24. The above mentioned stipulated conditions shall be complied in time bound manner. Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment Protection (EP) Act, 1986.

**Member Secretary**

**Memo No.** \_\_\_\_\_

**Dt.** \_\_\_\_\_

Copy to:

1. Ministry of Environment & Forests Govt. of India, Paryavaran Bhawan, C.G.O. Complex, Lodhi Road, New Delhi-110003 for kind information.
2. Principal Secretary to Govt., Forests & Environment Dept. for kind information.
3. Chairman, State Pollution Control Board, Parivesh Bhawan, A/118, Nilakantha Nagar, Unit-8, BBSR for kind information.
4. Chief Conservator of Forests, Regional Office (EZ), Ministry of Environment & Forests, A-31, Chandra Sekharpur, Bhubaneswar for kind information.
5. Chairman, Central Pollution Control Board, CBD-cum-office Complex, East Arjun Nagar, New Delhi, 110032 for kind information.
6. The Collector, Dist- Sundargarh, for kind information and necessary action.
7. Copy forwarded to the Chairman/ Member Secy. / Member for kind information.
8. Chairman SEAC/Secretary SEAC, Parivesh Bhawan, A/118, Nilakantha Nagar, Unit-VIII, Bhubaneswar for kind information.
9. Guard file for records.

**Member Secretary**