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F. No. J-11011/136/2009-IA II (I)
Government of India
Ministry of Environment and Forests
(I.A. Division)

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Dated: 14th June, 2013

To,

The Chief Executive Officer
M/s Aditya Aluminium
(A Division of M/s Hindalco Industries Limited)
J-6, JaydevVihar
Bhubaneswar - 751 013
Odisha

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Subject : Expansion of Aluminium smelter plant from 0.26 MTPA to 0.72 MTPA and captive power plant from 650 MW to 1650 MW at Village Lapanga, Rengali, C.D. Block, District Sambalpur in Orissa by M/s Aditya Aluminium (a Division of M/s Hindalco Industries Limited)- Amendment in Environment Clearance Conditions-regarding.

Ref: i) MoEF letter no. J-11011/136/2009 - IA II (I) dated 29.11.2012
ii) Your letters No.AAP/E&F/795 dated 29.11.2012

Sir,

This is in continuation of this Ministry's letter referred above and your letter under reference, wherein you have requested for the amendment in clause no (ix), (xxi), (xxiv) and (xxix) of specific conditions of the environmental clearance (EC) dated 29.11.2012.

2. The proposal referred above was placed before the Reconstituted Expert Appraisal Committee (Industry) in its 7th meeting held during 4-5th April, 2013. It was noted that following are the amendment sought by the proponent:

Specific Condition No.	As per the EC accorded on 29.11.2012	Amendment sought by the proponent
ix	One tri-flue stack of 275m height with flue gas velocity not less than 22 m/s shall be installed and provided with continuous online monitoring equipments for SOx, NOx and PM10.	In the presentation made by the proponent on 14.6.2012, it was mentioned that 4 stacks (slide no page 47) – 3 Nos. tri flue and 1 No. Bi-flue stack of 275 m height for 11 x150 MW CPP. Hence, this condition may be amended accordingly.
xxi.	No effluent shall be discharged outside the premises moef smelter during the non-monsoon period and shall be discharged during the monsoon period only after proper	it appears from the sentence that there is a bonafide typographical error. Hence, the word "moef" may kindly be replaced with "of".

Specific Condition No.	As per the EC accorded on 29.11.2012	Amendment sought by the proponent
	treatment and meeting the norms of the OSPCB/CPCB.	
xxiv.	The company shall develop rainwater structures to harvest the runoff water for recharge of ground water in consultation with the Central Ground Water Authority/Board.	<p>The Geohydrological and ground water quality investigations in the water shed of the Aditya Aluminum at Samablpur district has been studied by the National Geophysical Research Institute (NGRI), Hyderabad. They have not recommended not recharging the ground water in the core plant area, the reasons are as follows:</p> <ol style="list-style-type: none"> i. The resistivity inside the plant premises has indicated that the first layer has very high resistivity >150 ohm m with >5 m thickness, and thereby any proposed water harvesting structure may not contribute enhanced ground water recharge ii. Any form of recharging the ground water in the industrial premises is not advisable due to the possibility of ground water contamination. <p>In view of the above, the proponent has requested for rain water harvesting in township only. This was also presented to the EAC in its meeting held during 14.6.2012.</p>
xxix.	At least 5 % of the total cost of the project shall be earmarked towards the Enterprise Social Commitment and item-wise details along with time bound action plan should be prepared and submitted to the Ministry's Regional Office at Bhubaneswar. Implementation of such program should be ensured accordingly in a time bound manner	As the expansion will be carried out in two phases i.e. Aluminium Smelter from 0.26-0.36 MTPA & CPP from 650 MW to 1650 MW in phase I and later up gradation will be made for smelter to 0.72 MTPA and CPP to 1650 MW in phase II. It s requested to follow the decisions/directions of the RPDAC (Rehabilitation and Peripheral Development Advisory Committee) at the district level for any type of commitments as per the CSR. The decision of RPDAC taken in the meeting to be followed and commitments will be planned accordingly instead of earmarking 5% of the total project cost for Enterprise Social Commitment initially.

3. The Committee decided that specific condition (xxix) of the EC dated 29.11.2012 cannot be amended. The Committee recommended for the amendment in specific condition no (ix), (xxi) and (xxiv) as mentioned below subject to the environmental safe guards.

Specific condition (ix):

Three tri-flue and one bi-flue stack of 275m height with flue gas velocity not less than 22 m/s shall be installed and provided with continuous online monitoring equipments for SOx, NOx and PM10.

Specific condition (xxi):

No effluent shall be discharged outside the premises of smelter during the non-monsoon period and shall be discharged during the monsoon period only after proper treatment and meeting the norms of the OSPCB/CPCB.

Specific condition (xxiv):

The company shall develop rainwater structures in the township area for recharge of ground water in consultation with the Central Ground Water Authority/Board.

4. The Ministry accepts the recommendation of the REAC (Industry) and amends the environmental clearance dated 29.11.2012. The clause no (ix), (xxi) and (xxiv) of specific conditions of the environmental clearance (EC) of even no. dated 29.11.2012 stands deleted and it may be read as below:

Specific condition (ix):

Three tri-flue and one bi-flue stack of 275m height with flue gas velocity not less than 22 m/s shall be installed and provided with continuous online monitoring equipments for SOx, NOx and PM10.

Specific condition (xxi):

No effluent shall be discharged outside the premises of smelter during the non-monsoon period and shall be discharged during the monsoon period only after proper treatment and meeting the norms of the OSPCB/CPCB.

Specific condition (xxiv):

The company shall develop rainwater structures in the township area for recharge of ground water in consultation with the Central Ground Water Authority/Board.

5. All other conditions stipulated in the environmental clearance even no. dated 29.11.2012 shall remains the same.

6. In case, there is a change in the scope of the project, fresh environmental clearance shall be obtained.

This issues with the approval of the Competent Authority.


(Dr.V.P.Upadhyay)
Director(S)

Copy to:-

1. The Secretary, State Department of Environment, Government of Odisha, Bhubaneswar, Odisha.
2. ~~The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi, 110 032.~~
3. The Chairman, Odisha Pollution Control Board, Parivesh Bhavan, A/118, Neelkanthhanagar, Unit-8, Bhubaneswar - 751 012, Odisha.

4. The Additional Principal Chief Conservator of Forests (Eastern), Regional Office (EZ), A/3, Chandrasekharpur, Bhubaneswar - 751 023, Odisha.
5. Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi.
6. Guard File / Record File/Monitoring file.



(Dr.V.P.Upadhyay)
Director(S)