

BY REGD POST

OFFICE OF THE  
STATE POLLUTION CONTROL BOARD, ORISSAParivesh Bhawan, A/118, Nilakantha Nagar, Unit-VIII,  
Bhubaneswar - 751 012No. 834 /Ind-II-NOC-4373Date 12/10/02OFFICE MEMORANDUM

In consideration of the application for obtaining Consent to Establish for M/s. Kodingamall Bauxite Mine of M/s. Orissa Mining Corporation Ltd the State Pollution Control Board has been pleased to convey its Consent to Establish under section 25 of Water (Prevention & Control of Pollution) Act, 1974 and section 21 of Air (Prevention & Control of Pollution) Act, 1981 for production of Bauxite ore of quantity 3.0 million ton/Annum, (over mine lease hold area of 447.25 Ha.) at Kodingamall Hills near Kalpadar, PO - Laxmipur in the district of Koraput with the following conditions.

**GENERAL CONDITIONS.**

1. This Consent to establish is valid for the product, quantity manufacturing process and raw materials as mentioned above & for a period of five years from the date of issue of this letter, provided commencement of production of the proposed project has not taken place in the meantime.
2. If the proponent fails to start operation of the project but substantial physical progress has been made then a renewal of this consent shall be sought by the proponent.
3. If the proponent fails to initiate construction of the project and no significant physical progress is made then, the proponent has to apply for consent to establish afresh after expiry of 5 years from the date of issue of this order.
4. Adequate effluent treatment facilities are to be provided such that the quality of sewage and trade effluent satisfies the standards as prescribed under EP Rule or as prescribed by the Central Pollution Control Board and/or State Pollution Control Board or otherwise stipulated in the special conditions.
5. All emission from the industry as well as the ambient air quality and noise are to conform to the standards as laid down under EP Rule/Central Pollution Control Board/State Pollution Control Board or otherwise stipulated in the special conditions.
6. Adequate method of disposal of solid waste is to be adopted to avoid environmental pollution.

7. The Industry is to comply to the provisions of EP Act, 1986 and the rules made thereunder with their amendments from time to time such as the Hazardous Chemical/Manufacture, Storage and Import Rule, 1989 etc. The Industry is also to comply to the provisions of Public Liability Insurance Act, 1991, if applicable.
8. The Industry is to apply for grant of Consent to operate under section 25/26 of Water(Prevention & Control of Pollution)Act, 1974 & Air (Prevention & Control of Pollution)Act, 1981 (If coming under air pollution control area) at least 3 (three) months before the commercial production and obtain Consent to Operate.
9. This consent to establish is subject to other statutory clearances from Govt. of Orissa and / or Govt. of India as and when applicable.

**SPECIAL CONDITIONS :-**

1. This consent to establish is granted subject to Environmental Clearance from Ministry of environment & Forest, Govt. of India, New Delhi.
2. No change in mining technology and scope of working shall be made without prior approval of the Board.
3. Top soil should be stacked properly with proper slope at earmarked site(s) with adequate measures and shall be used for reclamation and rehabilitation of mined out areas.
4. Concurrent back-filling should be started from the fourth year of operation. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining. Compliance status should be submitted to the Ministry of Environment & Forests with a copy to the Board on yearly basis.
5. Dimension of the retaining wall at the toe of dumps and Ob benches within the mine to check run-off and siltation shall be based on the rainfall data. The detail specification shall be worked out and submitted to the Board.
6. A green belt of adequate width shall be raised for suppression of dust by planting the native species around to ML area, roads, OB dump sites, etc., in consultation with the local DFO/Agriculture Department.
7. Reclamation programme along with the post closure plan is to be submitted within 06 months from the date of issue of this order.
8. Catch drains, and siltation ponds of appropriate size should be constructed to arrest silt and sediment flows from soil, OB and mineral dumps. The drains should be regularly de-silted and maintained properly. The garland drains (size, gradient and length) and sump capacity should be designed keeping 50% safety margin over and above the peak sudden rainfall and maximum discharge in the area adjoining the mine site. Sump capacity should also provide adequate retention period to allow proper settling of silt material.
9. Regular monitoring of ground water level and quality should be carried out by establishing a net work of existing wells. The monitoring should be done four times a year in pre-monsoon (April/May), Monsoon (August), Post-monsoon(November) and winter (January) seasons. Data thus collected should be submitted to the Board quarterly.
10. Sewage treatment plant should be installed for the treatment of domestic effluent generated from the colony and mines so as to meet the prescribed standard of the Board for discharge to inland surface water.
11. Wastewater (workshop and wastewater from the mine) should be properly collected, treated so as to conform the prescribed standard i.e pH = 5.5 - 9.0,

SS = 100 mg/l, & O & G = 10 mg/l or as amended from time to time. Oil and grease trap should be installed before discharging of effluents from workshop.

12. Mine drainage water, if any has to be treated and disposed of after conforming to the standard prescribed by the Board i.e ph - 5.5 - 9.0, Total SS = 100 mg/l & O & G = 10 mg/l.

13. Rain water harvesting practice shall be followed by utilizing the rain water collected from the roof of the buildings for recharging of ground water within the premises and other large structures as per the concept and practices prescribed by CPCB, New Delhi and details of which is available in the web-site.

14. Drill should be wet operated or with dust extractors and controlled blasting should be practices.

15. Six ambient air quality monitoring stations for 24 hours operation should be established in the core zone as well as in the buffer zone for RPM, SPM, SO<sub>2</sub>, NO<sub>x</sub> and CO monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets in consultation with the State Pollution Control Board (I) Data on ambient air quality (RPM, SPM, SO<sub>2</sub>, NO<sub>x</sub> and CO) should be regularly submitted to the State Pollution Control Board once in six months.

16. Adequate measures to control fugitive emission shall be taken during loading and transportation of minerals, haul roads etc.

17. The haulage roads and arterial roads shall be made black topped / concrete with avenue plantation. Appropriate plan to this effect shall be submitted to the board within a month. Initially 50% of haul road shall be black topped/concrete surfaced.

18. Adequate measures shall be taken for control of noise levels below 85 dBA in the work environment.

19. Project authority shall undertake sample survey to generate data on pre-project community health status within a radius of 1 km. from proposed mine. The report shall be submitted within 06 months from the date of issue of this order.

20. Consent to operate shall be obtained from this Board before commencing the mining activities of proposed expansion project.

21. Environmental laboratory should be established with adequate number and type of pollution monitoring and analysis equipment in consultation with the State Pollution Control Board.

22. A separate environmental management cell with suitable qualified personnel should be set up under the control of a Senior Executive, who will report directly to the Head of the organization.

23. The above conditions will be enforced, inter-alia, under the provisions of the water (Prevention & Control of pollution) Act, 1974 and Air (Prevention & Control of Pollution) Act, 1981 and Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rule.

24. All efforts shall be taken to protect the existing water bodies in the surrounding. A definite plan in this regard shall be submitted to the Board within 06 month from the date of issue of this order.
25. This consent to establish is granted subject to grant of Explosive License from competent Authority. The valid Explosive License must be submitted to this Board while applying for consent to operate to this Board.
26. This consent to establish is granted subject to implementation of all recommendation made during public hearing held on 27.9.06.
27. The Board may impose further conditions or modify the conditions stipulated in this order during installation and/or at the time of obtaining consent to operate and may revoke this clearance in case the stipulated conditions are not implemented.
28. The industry shall abide by all the provisions of Environment (Protection) Act, 1986 and rules framed thereunder.
29. The unit shall provide adequate dust suppression measures at all potential dust generating points of Bauxite ore crusher plants and screening plants to control fugitive emission. Ambient air quality with respect to SPM concentration shall not exceed 500 µg/m<sup>3</sup>.
30. The mine shall obtain forest clearance under Forest (Conservation) Act, 1980 if there is involvement of forest land in the mining lease area.

*[Signature]*  
MEMBER SECRETARY

To,  
Sri Janardan Mishra, (Dy. General Manager, Geology)  
M/s. Kodingamali Bauxite Mine of  
M/s. Orissa Mining Corporation Ltd.  
PO – Box No. 34, OMC House, Bhubaneswar-1

Memo No. \_\_\_\_\_/Dt.

Copy forwarded to :

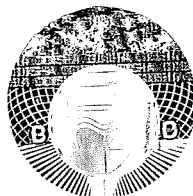
1. Secretary Steels & Mines , Govt. of Orissa, Bhubaneswar
2. Collector, Koraput
3. District Industries Centre, Koraput
4. Consent Section, Environment Scientist-III
5. Director, Factories & Boiler, Bhubaneswar
6. Regional Officer, O.S.P.C.Board, Rayagada
7. DFO, Koraput
8. Copy to Guard file/Consent to establish register

*[Signature]*  
SR. ENV. ENGINEER



# STATE POLLUTION CONTROL BOARD, ODISHA

(Department of Forest & Environment, Govt. of Odisha)  
Paribesh Bhawan, A/118, Nilakanthanagar, Bhubaneswar  
Bhubaneswar - 751012



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No. 16201 /

IND-II-NOC-4373

Date 15.12.2017 /

By Regd. Post

## OFFICE MEMORANDUM

Consent to establish was granted vide letter no. 854, dated 12.01.2007 to Kodingamali Bauxite Mining project of M/s Orissa Mining Corporation Ltd., for production of Bauxite Ore of quantity 3.0 MTPA over mining lease area of 447.25 ha., At - Kodingamali Hills near Kalpadar, Post - Laxmipur in the district of Koraput. The proponent has made an appeal through online application no. 1889283 for revalidation of consent to establish as per guidelines of the Board.

In consideration to the request of the proponent and recommendation of the Consent Committee in its meeting held on 30.11.2017, the State Pollution Control Board, Odisha is pleased to extend the validity period of consent to establish order issued vide letter No. 854, dated 12.01.2007 to Kodingamali Bauxite Mining project of M/s Orissa Mining Corporation Ltd. for production of Bauxite Ore of quantity 3.0 MTPA over mining lease area of 447.25 ha, for a period of ten years till 11.01.2022 (i.e. from the date of expiry of earlier Consent to Establish i.e. on 12.01.2012) At - Kodingamali Hills near Kalpadar, Post - Laxmipur in the district of Koraput, Odisha.

All other matter / conditions as given in the consent to establish order issued vide letter No. 854, dated 12.01.2007 shall be remain unchanged.

MEMBER SECRETARY

To

The General Manager, Geology,  
Kodingamali Bauxite Mine of  
M/s Orissa Mining Corporation Ltd.,  
Post Box No. - 34, OMC House,  
Bhubaneswar - 751001.

Memo No. /Date /

Copy forwarded to:

1. The Secretary, Steel and Mines, Govt. of Odisha, Bhubaneswar.
2. The Collector & District Magistrate, Koraput.
3. Consent to Operate Cell, SPC Boards, BBSR
4. Hazardous Waste Management Cell, SPC Boards, BBSR.
5. The DFO, Koraput.
6. The Regional Officer, SPC Board, Rayagada.
7. Copy to Guard file.

SR. ENV. SCIENTIST, L-I (N)

ED (F&E)

1001  
23/12/17

N. Das  
DGM (Geo)







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(Department of Forest & Environment, Govt. of Odisha)  
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The General Manager, Geology,  
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Post Box No. – 34, OMC House,  
Bhubaneswar - 751001.

Memo No. 16202 /Date 15.12.2017

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SR. ENV. SCIENTIST, L-1 (N)

